



STATE OF MICHIGAN OIL AND GAS LEASE AUCTION

Auction Location:
LANSING CENTER
333 East Michigan Avenue
Lansing, MI 48933

Thursday, May 9, 2013

BIDDER REGISTRATION BEGINS AT 8:00 AM
Meeting Room 205

AUCTION BEGINS AT 9:00 AM
Meeting Rooms 203 & 204



Directions to the Lansing Center

FROM THE DETROIT AREA:

Follow I-96 West to the 496 Downtown Exit. Continue on 496 to exit 7A to Grand Avenue. Turn right onto Grand Avenue (north). Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking.

FROM THE FLINT AREA:

Follow 69 West to 127 South to the 496 West Downtown exit and continue on 496 to exit 7A to Grand Avenue. Turn right onto Grand Avenue (north). Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking.

FROM THE SAGINAW AND BAY CITY AREA:

Follow I-75 South to 69 West to 127 South to the 496 West Downtown exit and continue on 496 to exit 7A to Grand Avenue. Turn right onto Grand Avenue (north). Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto Museum Drive, just past the Lansing City Market. Follow signs for Lansing Center parking.

FROM THE JACKSON AREA:

Follow 127 North to the 496 Downtown Exit. Continue on 496 to exit 7A to Grand Avenue. Turn right onto Grand Avenue (north). Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow

signs for Lansing Center parking.

FROM THE BATTLE CREEK AREA:

Follow 69 North to 496 East Downtown Exit and continue on 496 to the Cedar/Larch & Pennsylvania exits. Follow the Cedar/Larch signs and exit right onto Larch Street going (North). Follow Larch to Shiawassee. Turn left on Shiawassee (go one Block) to Cedar. Turn left on Cedar, then turn then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market).. Follow signs for Lansing Center parking beneath the building.

FROM THE KALAMAZOO AREA:

Follow I-94 East to 69 North to 496 East Downtown Exit and continue on 496 to the Cedar/Larch & Pennsylvania exits. Follow the Cedar/Larch signs and exit right onto Larch Street (going North). Follow Larch to Shiawassee. Turn left on Shiawassee (go one block) to Cedar. Turn left on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking beneath the building.

FROM GRAND RAPIDS AREA:

Follow I-96 to 496 East Downtown Exit and continue on 496 to exit 6 (Pine / Walnut St.). Merge onto the service drive and take about ½ mile to Grand Avenue. Turn left (north) onto Grand Avenue. Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking.

Please check with your event coordinator for other parking arrangements that may have been designated for your event.

FROM WESTBOUND I-496:

I-496 west to Exit 7A to Grand Avenue. Turn right onto Grand Avenue (north). Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking.

FROM EASTBOUND I-496:

I-496 east to exit 6 (Pine / Walnut St.). Merge onto the service drive and take about ½ mile to Grand Avenue. Turn left (north) onto Grand Avenue. Follow Grand Ave. to Shiawassee. Turn right on Shiawassee and go across the river to Cedar St. To park under the Lansing Center, turn right on Cedar, then right onto City Market Drive (just past the Lansing City Market) which changes into Museum Drive (just after the Lansing City Market). Follow signs for Lansing Center parking.

FROM M-43 (SAGINAW / OAKLAND):

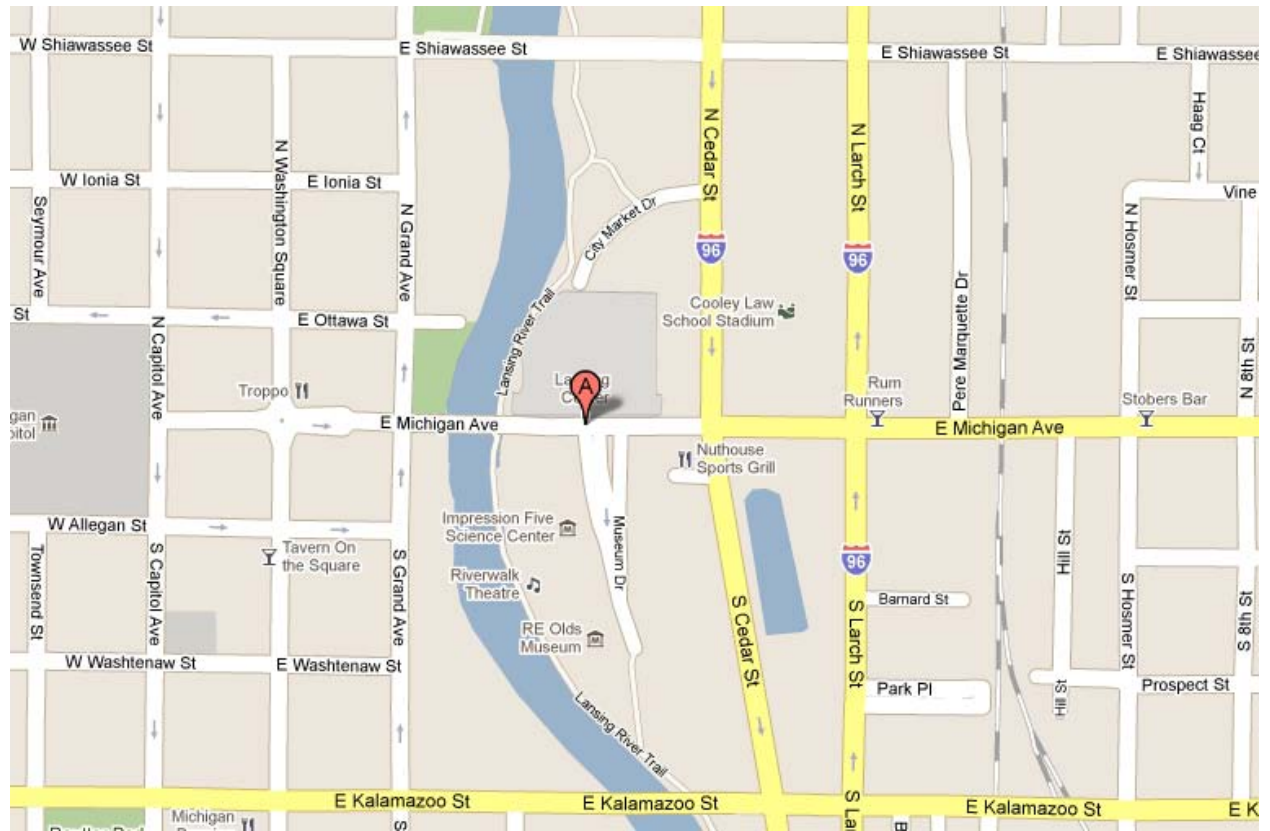
Turn south onto Cedar Street and go past Shiawassee Street. Make a right at the next street, City Market Drive (changes to Museum Drive just after the Lansing City Market). Follow City Market Drive/Museum Drive to the parking lot entrances.

****Please remember, when using the overflow parking at the North Grand Ave. parking ramp, park on the third level to access the pedway to the Lansing Center.**

Directions to the North Grand Ave. Parking Ramp

FROM THE LANSING CENTER PARKING LOT:

Take Museum Drive/City Market Drive North to Cedar Street, turn right at Cedar and drive to Michigan Avenue (first traffic signal light). Make another right and go west to Grand Avenue (first street after you cross the Grand River). Make a right onto Grand Avenue and get into the left-hand lane. Proceed one and a half blocks on Grand Avenue to the parking ramp entrance on the left side of the street.



OIL AND GAS LEASE AUCTION GUIDELINES

Please note additions or deletions in this auction catalog may occur as a result of public noticing, action taken by the Director of the Department of Natural Resources (DNR), or title conflicts. Any and all terms and conditions of offering are subject to change due to public noticing of the parcels or to action taken by the Director of the DNR. The DNR reserves the right to reject any and all bids.

REGISTRATION OF BIDDERS: Begins at 8:00 a.m. and continues throughout the auction. Bids may be submitted by individuals of legal age, a partnership, corporation, or other legal entity qualified to do business in Michigan. Prospective bidders will be required to submit a valid government-issued photo identification (ID) which may be retained by DNR staff until bidder cards are returned and all successful bids are paid in full. In addition, if the bidder is not on the authorized bidder list, they will be required to submit a security deposit in order to register. The security deposit must be a cashier's check or money order in the amount of \$5,000.00 made payable to "State of Michigan". The security deposit will be returned to the registered bidder after their bidder card is returned and all successful bids are paid in full. **In order to be added to the authorized bidder list, the prospective bidder must contact Ms. Kimberly Venne at 517-335-3242 or vennek@michigan.gov prior to the auction** to confirm they have been a successful bidder at a previous State of Michigan Oil and Gas Lease Auction, do not have an outstanding balance owed and are not on the DNR Hold Action List. **Bidders are legally and financially responsible for any successful bids. Failure to pay for a successful bid is considered intent to defraud and the bidder may be subject to prosecution.**

QUALIFIED BIDDERS: An individual of age of majority or a partnership, corporation, or other legal entity qualified to do business in the State of Michigan, may register to bid. Successful bidders may be required to submit the following information:

- If an individual, proof of attainment of legal age.
- If a co-partnership, a certified copy of registration or a sworn statement signed by one partner setting forth the names and addresses of all partners and the articles of partnership.
- If a corporation or other legal entity, copies of the incorporation papers showing qualifications to do business in the State of Michigan. Papers may be obtained from the Michigan Department Licensing and Regulatory Affairs, Corporation Division, P.O. Box 30054, Lansing, Michigan 48909 (517-241-6470) or <http://www.michigan.gov/lara>.

OFFERING OF LEASE RIGHTS: Begins at 9:00 a.m. and will continue until all descriptions have been offered.

The starting minimum bid for each auction offer is **\$10.00 per acre** and is based on the "Bid Acres" specified. Additionally, at the auction's end and at the option of the DNR, parcels for which no bids are received at \$10.00 per acre may be re-offered at a minimum bid of **\$2.00 per acre**.

The state's equity in the parcel being offered is indicated by a "Sur" (state's percentage of surface equity) or a "Min" (state's percentage of mineral equity).

There is no limit on the number of auction offerings that may be bid on by any party. Each auction offer will constitute a separate lease. All bids, and issuance of leases, are subject to approval by the DNR and the State Administrative Board.

TAX-REVERTED PARCELS: Parcels that are preceded with an asterisk (*) will require an acceptable Attorney Title Opinion stating that there was no severance of mineral rights prior to tax reversion on or after **April 1, 1976**, or that minerals were otherwise conveyed to the state subsequent to tax reversion. If an Attorney's Title Opinion is not provided by November 12, 2013, a lease will not be issued and the DNR will not issue a refund for bonus and rental paid. If a Title Opinion reveals previously severed minerals on a portion of the lease, the Lessee, at their option, may select a refund of the bonus and prepaid rental for the entire lease, and no lease will be issued, OR a lease will be issued for the parcels which have good title, and a refund will be given on a percentage basis for the bonus, and rental on the tax-reverted parcels which contain mineral rights severed prior to tax reversion.

OIL AND GAS LEASE BASIC TERMS

Any operations under the lease shall be subject to all applicable federal and state laws and rules now or hereafter in force.

TERM OF LEASE: Five years and as long thereafter as oil or gas are produced in paying quantities. A state lease form, rules and policy governing the leasing of state lands for oil and gas may be obtained upon request.

BONUS: A payment by the buyer to the Lessor at the time of sale as part of the consideration for acquisition of an oil and gas lease. The full amount of the bonus bid shall be paid on the same date on which the lease rights are bid.

Bidders who have an established credit rating with the DNR through prior leasing activity may pay the total bid by personal or company check. Bidders who do not have an established credit rating with the DNR through prior leasing of state-owned minerals, shall pay not less than one-half of the total bonus bid in cash, certified check, or money order. The balance may be paid by company or personal check. All remittances shall be made payable to: "State of Michigan." Bidders may establish a credit rating by filing three references acceptable to the DNR (address shown below), one of which shall be a bank or other financial institution. Other references may be in the form of a letter from a credit bureau, a firm with whom you have done business, a person, firm, or corporation engaged in the oil and gas business, or another financial institution. **NOTE:** In no instance will the DNR accept "sight drafts" even if noted as a "zero-day sight draft."

BOND: The successful bidders must be prepared to file a blanket oil and gas lease performance bond with Minerals Management Section in accordance with the following bond schedule:

Amount of Bond	Maximum Acres
\$10,000.00	0-5,000
\$25,000.00	5,001-10,000
\$50,000.00	10,001-unlimited

RENTAL: Rental of \$2.00 per acre per year, beginning the first year of the lease, provided that the minimum annual rental for any lease shall be \$5.00. The first year's rental payment shall be due on the same date on which the lease rights are bid. In addition, successful bidders will have the option to pay rentals for additional year(s) up to the entire five-year primary term. This option may be used for any or all of the leases bid at this auction.

ABATEMENT: Each producing oil or gas well abates rental on the leased premises within the established producing unit.

ROYALTY: The production royalty rate is one-sixth unless otherwise indicated. The shut-in royalty rate is based on the lease language.

RELEASES: Lessees may surrender a lease or any part thereof, at any time, providing all prior lease obligations have been fulfilled. Releases must be filed as provided in the lease with Minerals Management Section (address shown below).

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
MINERALS MANAGEMENT SECTION
PO BOX 30452
LANSING MI 48909-7952
517-373-7663
<http://www.michigan.gov/dnr>

DEVELOPMENT LEASES

The lease is not in itself an authorization to drill. Issuance of drilling permits for specific locations is subject to separate application and approval by the Supervisor of Wells, Department of Environmental Quality, pursuant to Part 615 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

IN LEASES ON LANDS IN WHICH THE STATE OWNS MINERAL RIGHTS ONLY - SURFACE RIGHTS PRIVATELY OWNED, THE FOLLOWING PROVISIONS WILL APPLY:

- The Lessee shall pay or agree upon payment to the surface owner, or any person holding under the owner, for all damages or losses (including any loss of the use of all or part of the surface), caused directly or indirectly by operations hereunder, whether to growing crops or buildings, to any person or property, or to other operations.
- Before a drilling permit application is submitted to the Supervisor of Wells relating to land in which the State of Michigan owns mineral rights only, and as described in this lease, proof shall be submitted to the Lessor, in writing, that notification to enter the land has been provided to the surface owner, and that either voluntary agreement or stipulated settlement relative to surface use and damages has been reached between the Lessee, or the Lessee's authorized agent, and the surface owner.
- When a mutually satisfactory agreement relative to surface use and damages cannot be reached, either party can inform the Lessor, in writing, that a dispute exists and the Lessor will grant a negotiation period of 30 calendar days in which no drilling or development operations may be conducted by the Lessee. This time period is to allow for the resolution of the dispute. If, at the end of this period, proof of the agreement is not submitted in writing to the Lessor, drilling and development operations will not be prohibited by the Lessor and resolution of the dispute rests solely with the Lessee and the surface owner, independent of the Lessor. It is the sole responsibility of the Lessee to ensure that said 30-day negotiation period is completed 30 days prior to the expiration of the primary term or any extensions of this lease.

NONDEVELOPMENT LEASES (AUCTION OFFER NUMBER PRECEDED BY "N")

FOR LEASES ISSUED ON PARCELS CLASSIFIED AS NONDEVELOPMENT, THE FOLLOWING PROVISIONS WILL APPLY:

- All other provisions of this lease notwithstanding, it is understood that no drilling or development work shall be conducted on the surface of the land described in this lease without reclassification or the specific authorization of the Lessor. Reclassification or such authorization for this lease, or any portion of the lands contained herein, will be granted at the sole discretion of the Lessor.
- Drilling, if authorized, shall be limited to the number of wells necessary to prevent drainage from said state minerals.

No operations shall be conducted until written instructions for the proper protection of any and all natural resource interests or surface values are issued by the Lessor.

Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
1	Development - USDA Forest Service Surface	All other provisions of this lease notwithstanding, it is understood that the land described in this lease shall not be entered for any purpose whatsoever without first contacting the United States Department of Agriculture, (USDA) Forest Service and securing detailed instructions as to cutting any forest growth for the purpose of making roadways or clearing well locations or for any other purpose in order that the surface values may be properly protected and conserved. No drilling operations may be conducted within 200 feet of any road, trail or highway unless otherwise approved by the USDA. All operations must be in compliance with the standards and guidelines outlined in the Huron-Manistee National Forests Land and Resource Management Plan.
3	Office of the State Archaeologist (OSA) Consulta	All other provisions of this lease notwithstanding, it is understood and agreed that no exploration or development work shall be conducted on this land without specific consultation from the OSA, Michigan Historical Center. No operations shall be conducted until written recommendations for the proper protection of any and all artifacts of historical or archaeological value are issued by the State Archaeologist.
5	Military and Veteran Affairs Agreement No.L-7084	All other provisions of this lease notwithstanding, it is understood that no exploration, drilling or development work shall be conducted on this land until the lessee first contacts the Department of Military and Veterans Affairs to obtain approval regarding the timing of activities.
15	Limited Surface Disturbance	To limit surface disturbance, any wells to be drilled on the leased premises shall be drilled from a single surface area that is acceptable to and approved by the Lessor. The Lessee shall submit a proposed development plan for the leased premises including a proposed surface area, access routes and pipeline corridors, with due regard to surface features, the relative location of other operations in the area, and applicable regulatory requirements. The Lessee may not drill any well on the leased premises without first obtaining an approval from the Lessor. Approval shall not be unreasonably withheld. If Lessor reasonably determines that production on adjacent land creates the probability of drainage of oil and/or gas from State mineral land, additional surface locations may be considered.
16	Threatened or Endangered Species Habitat	All other provisions of this lease notwithstanding, it is understood that no exploration or development work shall be conducted on this parcel without specific authorization from the Department of Natural Resources, Wildlife Division. No operations shall be conducted until written instructions for the proper protection of any threatened or endangered species or their habitat are issued.
19	Recreational Trails	All other provisions of this lease notwithstanding, it is understood that no well site shall be located closer than 660 feet to any recreational trail without obtaining the written consent of the Lessor and contacting the local Department trails coordinator.
20	Use Existing Well Pad	All other provisions of this lease notwithstanding, it is further understood that existing well pads shall be used for drilling unless otherwise authorized by the Department of Natural Resources' Land Manager.
33	Raptor Nesting Area	All other provisions on this lease notwithstanding, it is understood that this parcel was determined to be, at time of leasing, near to a known raptor nesting site. No drilling or development shall take place, and no activity is allowed within ¼ mile of known (or possible) protected raptor nests, during the nesting season. All exploration and development activities must be approved, in writing, by the Lessor's Wildlife Management Unit Supervisor.

Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
34	Nondevelopment Species Habitat	This parcel is classified as nondevelopment due to the presence of threatened or endangered species at time of leasing.
35	Office of the State Archaeologist (OSA) Concern	The OSA has specific concerns relative to this parcel.
49	Best Management Practices	Best Management Practices along wetlands, waterways, or steep slopes as per Sustainable Soil and Water Practices on Forest Land IC 4011 (Rev. 02/24/2009 and as amended) and approved in writing by the Local Management Supervisor.

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Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Alpena County								
T29N R08E								
1					80			
15	NE1/4 SW1/4	25	40.00	Min 100% Sur 0%				
15	SE1/4 SW1/4 existing easements.	25	40.00	Min 100% Sur 100%				
Subject to								
2					40			
15	SE1/4 NE1/4	36	40.00	Min 100% Sur 100%				
N-3					120			
	NE1/4 NE1/4	36	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4	36	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	36	40.00	Min 100% Sur 100%				
4					40			
15	NW1/4 NW1/4	36	40.00	Min 100% Sur 100%				
N-5					120			
	NE1/4 NW1/4	36	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	36	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	36	40.00	Min 100% Sur 100%				
N-6					80			
	NE1/4 SE1/4	36	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	36	40.00	Min 100% Sur 0%				
Alpena County								
T29N R09E								
7					40			
15	SW1/4 NW1/4	31	40.00	Min 100% Sur 100%				
N-8					120			
	NE1/4 NW1/4	31	40.00	Min 100% Sur 100%				
	NW1/4 NW1/4	31	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	31	40.00	Min 100% Sur 100%				
N-9					160			
	NE1/4 SE1/4	31	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	31	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Alpena County								
T29N R09E								
N-9	(Continued)							
	SE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	31	40.00	Min 100% Sur 100%				
10					120			
15	NW1/4 SW1/4	31	40.00	Min 100% Sur 100%				
3 15	SE1/4 SW1/4	31	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	31	40.00	Min 100% Sur 100%				
N-11					40			
	NE1/4 SW1/4	31	40.00	Min 100% Sur 100%				
N-12					160			
	NE1/4 SE1/4	32	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	32	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	32	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	32	40.00	Min 100% Sur 100%				
N-13					80			
	NE1/4 SW1/4	32	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-14					160			
	NE1/4 SE1/4	34	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	34	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	34	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	34	40.00	Min 100% Sur 100%				
N-15					158			
	All that part SW1/4 SW1/4 lying W of r/w of D & M RR	34	7.00	Min 100% Sur 100%				
	NE1/4 SW1/4	34	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	34	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	34	40.00	Min 100% Sur 100%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Alpena County								
T29N R09E								
N-15	(Continued) That part SW1/4 SW1/4 lying NE'ly of D & M RR Co r/w and inclusive of reversionary right, if any, to said D & M RR r/w	34	30.73	Min 100% Sur 100%				
N-16	Part of Govt Lot 3 in NE1/4 SW1/4	35	7.70	Min 100% Sur 100%	64			
	Part of Govt Lot 3 in NW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
	Part of Govt Lot 3 in SW1/4 SW1/4	35	16.00	Min 100% Sur 100%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Antrim County								
T29N R07W								
N-17	Gov't Lot 2 lying West of Lake Shore Highway EXCEPT the N 700 ft.	6	3.44	Min 75% Sur 0%	4			
N-18	Commencing on the E shore of Grass River with its intersection with the S boundary on County Road running E and W across Gov't Lot 3; th. S to a point on the E shore of Grass River 420 ft. S of the S boundary of County Road for a point of beginning; th. E 500 ft.; th. S 145 ft.; th. W 500 ft. to the E shore of Grass River; th. N'ly along said shore to the point of beginning, being a part of Gov't Lot 3.	6	1.25	Min 75% Sur 0%	41			
	Island within SW1/4 SW1/4	6	20.00	Min 100% Sur 0%				
	Island within the NW1/4 SW1/4	6	17.50	Min 100% Sur 0%				
	That part of the following description lying in the SE1/4 SW1/4, T29N, R07W, Section 6: Commencing at the S ¼ corner of Section 6, th. N 00° 16' 34" W, 1,318.11 ft. along the N-S ¼ line of said Section to the Point of Beginning; th. N 89° 56' 45" E, 146.89 ft.; th. S 00° 04' 32" E, 100.00 ft.; along the West Right-Of-Way of the abandoned C & O Railroad; th. S 89° 38' 34" W, 926.35 ft.; th. N 01° 51' 29" W, 100.03 ft. along the bank of the Grass River; th. N 89° 38' 34" E, 782.58 ft. to the Point of Beginning, being a part of the N ½ of Gov't Lot 4, Section 6.	6	1.34	Min 75% Sur 0%				
Antrim County								
T30N R07W								
N-19	That part of the following description lying within the SE1/4 NW1/4: Part of Gov't Lot 3 beginning at a point on the E and W 1/4 line of Sec. 31, 125.50 feet E of center of said Sec. th N 600 feet on W side of Public Road r/w for point of beginning, th N along W side of said public road right of way 300 feet, th S 89d 30' W 162 feet more or less to shore of Lake Bellaire, th S'ly along shore of Lake Bellaire to a point S 89d 30' W of point of beginning, th N 89d 30' E 167 feet more or less to point of beginning, including riparian rights adjacent thereto Subject to existing easements.	31	0.34	Min 100% Sur 0%	12			
	West 1/2 of Gov't Lot 4	31	11.24	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Arenac County								
T18N R05E								
N-20	SW1/4 NW1/4	5	40.00	Min 100% Sur 0%	40			
N-21	SE1/4 NE1/4	6	40.00	Min 100% Sur 0%	40			
N-22	NE1/4 SE1/4	6	40.00	Min 100% Sur 0%	80			
	SE1/4 SE1/4	6	40.00	Min 100% Sur 0%				
Arenac County								
T19N R05E								
N-23	SE1/4 SE1/4	32	40.00	Min 100% Sur 0%	40			
Arenac County								
T20N R06E								
N-24	SE1/4 NW1/4	22	40.00	Min 100% Sur 0%	80			
	SW1/4 NW1/4	22	40.00	Min 100% Sur 0%				

Mineral Auction Catalog

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Crawford County								
T25N R04W								
N-25	NW1/4 SW1/4	4	40.00	Min 100% Sur 0%	40			
N-26	NW1/4 SE1/4	5	40.00	Min 100% Sur 0%	120			
	SE1/4 SE1/4	5	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	5	40.00	Min 100% Sur 0%				
N-27	NE1/4 SW1/4	5	40.00	Min 100% Sur 0%	40			
Crawford County								
T27N R04W								
28 15 16 49	SW1/4 NE1/4	14	40.00	Min 100% Sur 100%	40			
N-29	NW1/4 NE1/4 exc that part comm 600 ft W of E r/w line of RR, Sly parallel to RR 1000 ft, E to E line, N to beg.	14	31.50	Min 100% Sur 100%	32			
N-30	NE1/4 NW1/4	14	40.00	Min 100% Sur 100%	80			
	SE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
31 15 16 49 15 16 49	NW1/4 SE1/4	14	40.00	Min 100% Sur 100%	80			
	SW1/4 SE1/4	14	40.00	Min 100% Sur 100%				
N-32	NE1/4 SW1/4	14	40.00	Min 100% Sur 100%	160			
	NW1/4 SW1/4	14	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	14	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	14	40.00	Min 100% Sur 100%				
33 3 15 16 49 15 16 49	NE1/4 SE1/4	15	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4	15	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Crawford County								
T27N R04W								
33	(Continued)							
3	SE1/4 SE1/4	15	40.00	Min 100%				
15				Sur 100%				
16								
49								
3	SW1/4 SE1/4	15	40.00	Min 100%				
15				Sur 100%				
16								
49								
34					120			
15	NW1/4 NE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
15	SE1/4 NE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
15	SW1/4 NE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
N-35					40			
	NE1/4 NE1/4	22	40.00	Min 100%				
				Sur 100%				
36					160			
15	NE1/4 SE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
15	NW1/4 SE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
15	SE1/4 SE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
15	SW1/4 SE1/4	22	40.00	Min 100%				
16				Sur 100%				
49								
37					101			
3	NE1/4 NE1/4, W of RR	23	27.50	Min 100%				
15				Sur 100%				
16								
49								
3	NW1/4 NE1/4	23	40.00	Min 100%				
15				Sur 100%				
16								
49								
3	SE1/4 NE1/4, W of RR	23	33.00	Min 100%				
15				Sur 100%				
16								
49								
N-38					40			
	SW1/4 NE1/4	23	40.00	Min 100%				
				Sur 100%				
N-39					160			
	NE1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
	NW1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
	SE1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
	SW1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Crawford County								
T27N R04W								
40					38			
3	NE1/4 SE1/4, W of RR	23	37.50	Min 100%				
15				Sur 100%				
16								
49								
N-41					120			
	NW1/4 SE1/4	23	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	23	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	23	40.00	Min 100%				
				Sur 100%				
N-42					160			
	NE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	NW1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	SW1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County								
T25N R09W								
43 16 19	SW1/4 SW1/4	11	40.00	Min 100% Sur 100%	40			
N-44	SE1/4 SW1/4 existing easements. Subject to	11	40.00	Min 100% Sur 100%	40			
N-45	SW1/4 NE1/4	14	40.00	Min 100% Sur 100%	40			
46 15 19 49 19	NE1/4 NW1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%	160			
15 19 49	NW1/4 NW1/4	14	40.00	Min 100% Sur 100%				
15 19 49	SE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
15 19 49	SW1/4 NW1/4	14	40.00	Min 100% Sur 100%				
N-47	NW1/4 SE1/4	14	40.00	Min 100% Sur 100%	80			
	SW1/4 SE1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%				
48 15	NE1/4 SW1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%	160			
15 19	NW1/4 SW1/4	14	40.00	Min 100% Sur 100%				
15 19	SE1/4 SW1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%				
19	SW1/4 SW1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%				
49 15	NE1/4 NE1/4	23	40.00	Min 100% Sur 100%	120			
15	NW1/4 NE1/4 existing easements. Subject to	23	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4 existing easements. Subject to	23	40.00	Min 100% Sur 100%				
N-50	SE1/4 NE1/4	23	40.00	Min 100% Sur 100%	40			
51 15	NE1/4 NW1/4 existing easements. Subject to	23	40.00	Min 100% Sur 100%	120			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County								
T25N R09W								
51	(Continued)							
15 19	NW1/4 NW1/4 existing easements.	Subject to	23	40.00	Min 100% Sur 100%			
15	SE1/4 NW1/4		23	40.00	Min 100% Sur 100%			
N-52	SW1/4 NW1/4 existing easements.	Subject to	23	40.00	Min 100% Sur 100%	40		
N-53	NE1/4 SE1/4		23	40.00	Min 100% Sur 100%	160		
	NW1/4 SE1/4		23	40.00	Min 100% Sur 100%			
	SE1/4 SE1/4		23	40.00	Min 100% Sur 100%			
	SW1/4 SE1/4 existing easements.	Subject to	23	40.00	Min 100% Sur 100%			
N-54	NE1/4 SW1/4		23	40.00	Min 100% Sur 100%	160		
	NW1/4 SW1/4 existing easements.	Subject to	23	40.00	Min 100% Sur 100%			
	SE1/4 SW1/4		23	40.00	Min 100% Sur 100%			
	SW1/4 SW1/4 existing easements.	Subject to	23	40.00	Min 100% Sur 100%			
55	SE1/4 NE1/4 except RR		24	40.00	Min 100% Sur 100%	80		
3 15	SW1/4 NE1/4 except RR		24	40.00	Min 100% Sur 100%			
N-56	NE1/4 NE1/4 except RR		24	40.00	Min 100% Sur 100%	80		
	NW1/4 NE1/4		24	40.00	Min 100% Sur 100%			
57	SW1/4 NW1/4		24	40.00	Min 100% Sur 100%	40		
N-58	NE1/4 NW1/4		24	40.00	Min 100% Sur 100%	120		
	NW1/4 NW1/4		24	40.00	Min 100% Sur 100%			
	SE1/4 NW1/4		24	40.00	Min 100% Sur 100%			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County								
T25N R09W								
N-59					120			
	NE1/4 SE1/4	24	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4 except RR	24	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	24	40.00	Min 100% Sur 100%				
N-60					160			
	NE1/4 SW1/4 except RR	24	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4 except RR	24	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	24	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4 except RR	24	40.00	Min 100% Sur 100%				
N-61					120			
	NW1/4 NE1/4	25	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	25	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	25	40.00	Min 100% Sur 100%				
62 15	SW1/4 NW1/4	25	40.00	Min 100% Sur 100%	40			
N-63					120			
	NE1/4 NW1/4	25	40.00	Min 100% Sur 100%				
	NW1/4 NW1/4 except RR	25	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	25	40.00	Min 100% Sur 100%				
N-64					40			
	NE1/4 SE1/4	25	40.00	Min 100% Sur 0%				
65 15 49	NW1/4 NE1/4 existing easements.	26	40.00	Min 100% Sur 100%	80			
15	SW1/4 NE1/4 except RR Subject to existing easements.	26	40.00	Min 100% Sur 100%				
N-66					80			
	NE1/4 NE1/4 except RR	26	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4 except RR	26	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County								
T25N R09W								
67					80			
15 16	NW1/4 NW1/4	26	40.00	Min 100% Sur 100%				
15	SE1/4 NW1/4 except RR Subject to existing easements.	26	40.00	Min 100% Sur 100%				
N-68					80			
	NE1/4 NW1/4 existing easements. Subject to	26	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4 except RR	26	40.00	Min 100% Sur 100%				
69					80			
15	NW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
N-70					80			
	NE1/4 SE1/4	26	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	26	40.00	Min 100% Sur 100%				
71					80			
15	NW1/4 SW1/4 except RR Subject to existing easements.	26	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	26	40.00	Min 100% Sur 100%				
72					120			
15 19	NW1/4 NW1/4 except RR Subject to existing easements.	34	40.00	Min 100% Sur 100%				
15	SE1/4 NW1/4 existing easements. Subject to	34	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4 existing easements. Subject to	34	40.00	Min 100% Sur 100%				
73					80			
15	NE1/4 SW1/4 existing easements. Subject to	34	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4 existing easements. Subject to	34	40.00	Min 100% Sur 100%				
N-74					40			
	SE1/4 SW1/4 existing easements. Subject to	34	40.00	Min 100% Sur 100%				
75					80			
15	SE1/4 NE1/4	35	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	35	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County T25N R09W								
N-76					80			
	NE1/4 NE1/4	35	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4	35	40.00	Min 100% Sur 100%				
77					120			
15 16	NE1/4 NW1/4	35	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4	35	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	35	40.00	Min 100% Sur 100%				
N-78					40			
	SE1/4 NW1/4	35	40.00	Min 100% Sur 100%				
79					80			
15 49	NW1/4 SE1/4	35	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	35	40.00	Min 100% Sur 100%				
N-80					80			
	NE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
81					80			
15	NW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
15 16 49	SW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
N-82					80			
	NE1/4 SW1/4	35	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	35	40.00	Min 100% Sur 100%				
Grand Traverse County T26N R11W								
83					160			
	NE1/4 NE1/4 existing easements.	21	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4	21	40.00	Min 100% Sur 100%				
20	SE1/4 NE1/4	21	40.00	Min 100% Sur 100%				
15 19 49	SW1/4 NE1/4	21	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T15N R13E								
84					156			
	NE1/4 NE1/4	1	37.70	Min 100% Sur 100%				
	NW1/4 NE1/4	1	37.84	Min 100% Sur 100%				
49	SE1/4 NE1/4	1	40.00	Min 100% Sur 100%				
49	SW1/4 NE1/4	1	40.00	Min 100% Sur 100%				
85					117			
49	NE1/4 NW1/4	1	37.98	Min 100% Sur 100%				
49	NW1/4 NW1/4	1	38.12	Min 100% Sur 100%				
49	SE1/4 NW1/4	1	40.00	Min 100% Sur 100%				
86					40			
49	NE1/4 SE1/4	1	40.00	Min 100% Sur 100%				
87					158			
49	NE1/4 NW1/4	2	38.82	Min 100% Sur 100%				
49	NW1/4 NW1/4	2	38.56	Min 100% Sur 100%				
49	SE1/4 NW1/4	2	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	2	40.00	Min 100% Sur 100%				
Huron County								
T15N R14E								
88					41			
49	NW1/4 NW1/4	3	40.78	Min 100% Sur 100%				
89					162			
49	NE1/4 NE1/4	4	40.98	Min 100% Sur 100%				
49	NW1/4 NE1/4	4	40.94	Min 100% Sur 100%				
49	SE1/4 NE1/4	4	40.00	Min 100% Sur 100%				
49	SW1/4 NE1/4	4	40.00	Min 100% Sur 100%				
90					81			
49	NE1/4 NW1/4	4	40.90	Min 100% Sur 100%				
49	SW1/4 NW1/4	4	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T15N R14E								
N-91					81			
	NW1/4 NW1/4	4	40.88	Min 100% Sur 100%				
	SE1/4 NW1/4	4	40.00	Min 100% Sur 100%				
92					40			
49	NW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
N-93					40			
	SW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
94					41			
	NE1/4 NE1/4	5	40.92	Min 100% Sur 100%				
N-95					41			
	E1/2 E1/2 NW1/4 NE1/4	5	10.21	Min 100% Sur 100%				
	W1/2 NW1/4 NE1/4	5	20.41	Min 100% Sur 100%				
	West 1/2 of the East 1/2 of the Northwest Fractional 1/4 of the Northeast 1/4	5	10.20	Min 100% Sur 100%				
96					162			
49	NE1/4 NW1/4	5	40.72	Min 100% Sur 100%				
49	NW1/4 NW1/4	5	40.52	Min 100% Sur 100%				
	SE1/4 NW1/4	5	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	5	40.00	Min 100% Sur 100%				
97					80			
	NE1/4 SE1/4	5	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	5	40.00	Min 100% Sur 100%				
98					60			
	N1/2 NW1/4 SW1/4	5	20.00	Min 100% Sur 100%				
	NE1/4 SW1/4	5	40.00	Min 100% Sur 100%				
99					160			
49	NE1/4 NE1/4	6	40.02	Min 100% Sur 100%				
49	NW1/4 NE1/4	6	39.22	Min 100% Sur 100%				
	SE1/4 NE1/4	6	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County T15N R14E								
99	(Continued)							
49	SW1/4 NE1/4	6	40.00	Min 100% Sur 100%				
100					161			
49	NE1/4 NW1/4	6	38.42	Min 100% Sur 100%				
	NW1/4 NW1/4	6	39.85	Min 100% Sur 100%				
49	SE1/4 NW1/4	6	40.00	Min 100% Sur 100%				
49	SW1/4 NW1/4	6	41.91	Min 100% Sur 100%				
101					40			
	N1/2 NE1/4 SE1/4	6	20.00	Min 100% Sur 100%				
49	N1/2 NW1/4 SE1/4	6	20.00	Min 100% Sur 100%				
102					83			
49	NW1/4 SW1/4	6	41.45	Min 100% Sur 100%				
	SW1/4 SW1/4	6	41.01	Min 100% Sur 100%				
Huron County T16N R13E								
103					60			
33 49	NE1/4 SE1/4 exc N 660 ft	22	20.00	Min 100% Sur 100%				
33	SE1/4 SE1/4	22	40.00	Min 100% Sur 100%				
104					120			
49	S1/2 NE1/4 SE1/4	23	20.00	Min 100% Sur 100%				
	S1/2 NW1/4 SE1/4	23	20.00	Min 100% Sur 100%				
49	SE1/4 SE1/4	23	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	23	40.00	Min 100% Sur 100%				
105					80			
49	NW1/4 SW1/4	23	40.00	Min 100% Sur 100%				
49	SE1/4 SW1/4	23	40.00	Min 100% Sur 100%				
N-106					60			
	NE1/4 SW1/4 exc E 660 ft	23	20.00	Min 100% Sur 100%				
	SW1/4 SW1/4	23	40.00	Min 100% Sur 100%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R13E								
107					82			
	N 25 acres of SE1/4 SE1/4	24	25.00	Min 100% Sur 100%				
	NW1/4 SE1/4 exc N 350 ft of W 835 ft	24	35.29	Min 100% Sur 100%				
	W 825 ft of NE1/4 SE1/4 exc N 320 ft of E 499.85 ft	24	21.33	Min 100% Sur 100%				
108					154			
49	NE1/4 SW1/4 exc N 350 ft of E 165 ft also exc N 700 ft of W 290 ft	24	34.00	Min 100% Sur 100%				
16 49	NW1/4 SW1/4 exc E 60 ft of N 700 ft	24	39.04	Min 100% Sur 100%				
49	SE1/4 SW1/4	24	40.00	Min 100% Sur 100%				
16 49	SW1/4 SW1/4	24	40.00	Min 100% Sur 100%				
109					120			
49	NE1/4 NE1/4	25	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4	25	40.00	Min 100% Sur 100%				
49	SE1/4 NE1/4	25	40.00	Min 100% Sur 100%				
N-110					40			
	SW1/4 NE1/4	25	40.00	Min 100% Sur 100%				
111					160			
49	NE1/4 NW1/4	25	40.00	Min 100% Sur 100%				
49	NW1/4 NW1/4	25	40.00	Min 100% Sur 100%				
49	SE1/4 NW1/4	25	40.00	Min 100% Sur 100%				
49	SW1/4 NW1/4	25	40.00	Min 100% Sur 100%				
112					160			
49	NE1/4 SE1/4	25	40.00	Min 100% Sur 100%				
49	NW1/4 SE1/4	25	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	25	40.00	Min 100% Sur 100%				
49	SW1/4 SE1/4	25	40.00	Min 100% Sur 100%				
113					160			
49	NE1/4 SW1/4	25	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R13E								
113	(Continued)							
49	NW1/4 SW1/4	25	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	25	40.00	Min 100% Sur 100%				
16 49	SW1/4 SW1/4	25	40.00	Min 100% Sur 100%				
114					160			
49	NE1/4 NE1/4	26	40.00	Min 100% Sur 100%				
49	NW1/4 NE1/4	26	40.00	Min 100% Sur 100%				
49	SE1/4 NE1/4	26	40.00	Min 100% Sur 100%				
49	SW1/4 NE1/4	26	40.00	Min 100% Sur 100%				
115					110			
49	E'ly 1 rd of W'ly 26 rds of S 691/2 rds of SE1/4 of NW1/4	26	0.43	Min 100% Sur 100%				
49	NE1/4 NW1/4	26	40.00	Min 100% Sur 100%				
49	NW1/4 NW1/4	26	40.00	Min 100% Sur 100%				
49	S 69.5 rds of W 25 rds of E1/2 of NW1/4, together with an easement for ingress and egress over the N 33 ft of S 69.5 rds of SE1/4 NW1/4, exc the W 25 rds thereof.	26	10.86	Min 100% Sur 100%				
49	SE1/4 NW1/4 exc S 69.5 rds of W 26 rds and exc N 871.2 ft of S 1122.20 ft of E 500 ft	26	18.71	Min 100% Sur 100%				
116					120			
49	NW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
49	SE1/4 SE1/4	26	40.00	Min 100% Sur 100%				
49	SW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
N-117					40			
	NE1/4 SE1/4	26	40.00	Min 100% Sur 100%				
118					160			
	NE1/4 SW1/4	26	40.00	Min 100% Sur 100%				
49	NW1/4 SW1/4	26	40.00	Min 100% Sur 100%				
49	SE1/4 SW1/4	26	40.00	Min 100% Sur 100%				
49	SW1/4 SW1/4	26	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R13E								
119					80			
49	NE1/4 NE1/4	27	40.00	Min 100% Sur 100%				
49	SE1/4 NE1/4 exc com 13 ft N of E 1/4 post, SW'ly to pt 16 ft W of 1/4 post, E to post, N to beg.	27	39.99	Min 100% Sur 100%				
120					152			
15 49	NE1/4 NE1/4 EXC E 32.5 rds of N 20 rds ALSO EXCEPT Commencing at NE Corner of Sec, th S 330 ft to POB, W 536.25 ft, S 330 ft, E 536.25 ft, N 330 ft to POB	35	31.88	Min 100% Sur 100%				
49	NW1/4 NE1/4	35	40.00	Min 100% Sur 100%				
15 49	SE1/4 NE1/4	35	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4	35	40.00	Min 100% Sur 100%				
121					40			
15 49	SW1/4 NW1/4	35	40.00	Min 100% Sur 100%				
N-122					120			
	NE1/4 NW1/4	35	40.00	Min 100% Sur 100%				
	NW1/4 NW1/4	35	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	35	40.00	Min 100% Sur 100%				
123					160			
15 49	NE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
15 49	NW1/4 SE1/4	35	40.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	35	40.00	Min 100% Sur 100%				
15 49	SW1/4 SE1/4	35	40.00	Min 100% Sur 100%				
124					120			
15 49	NW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
15 49	SE1/4 SW1/4	35	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	35	40.00	Min 100% Sur 100%				
N-125					40			
	NE1/4 SW1/4	35	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R13E								
126					160			
15 49	NE1/4 NE1/4	36	40.00	Min 100% Sur 100%				
15 49	NW1/4 NE1/4	36	40.00	Min 100% Sur 100%				
15 49	SE1/4 NE1/4	36	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	36	40.00	Min 100% Sur 100%				
127					160			
15 49	NE1/4 NW1/4	36	40.00	Min 100% Sur 100%				
15 49	NW1/4 NW1/4	36	40.00	Min 100% Sur 100%				
15 49	SE1/4 NW1/4	36	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW1/4	36	40.00	Min 100% Sur 100%				
128					160			
15 49	NE1/4 SE1/4	36	40.00	Min 100% Sur 100%				
15 49	NW1/4 SE1/4	36	40.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	36	40.00	Min 100% Sur 100%				
15 49	SW1/4 SE1/4	36	40.00	Min 100% Sur 100%				
Huron County								
T16N R14E								
N-129					160			
	NE1/4 SE1/4	28	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	28	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	28	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	28	40.00	Min 100% Sur 100%				
130					40			
15 49	NW1/4 SW1/4	28	40.00	Min 100% Sur 100%				
N-131					80			
	NE1/4 SW1/4	28	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	28	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R14E								
132					80			
15 49	SE1/4 NW1/4	29	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW1/4	29	40.00	Min 100% Sur 100%				
133					80			
15 49	E1/2 W1/2 NW1/4 SE1/4	29	20.00	Min 100% Sur 100%				
15 49	E1/2 W1/2 SW1/4 SE1/4	29	20.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
N-134					40			
	NE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
135					120			
15 49	NE1/4 of SW1/4	29	40.00	Min 100% Sur 100%				
15 49	NW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
136					160			
15 49	NE1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15 49	NW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15 49	SE1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
137					171			
15 49	NE1/4 NW1/4	30	40.00	Min 100% Sur 100%				
15 49	NW1/4 NW1/4	30	45.19	Min 100% Sur 100%				
15 49	SE1/4 NW1/4	30	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW1/4	30	45.14	Min 100% Sur 100%				
138					40			
15 49	NE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
N-139					120			
	NW1/4 SE1/4 except the W1/2 NW1/4 SE1/4	30	20.00	Min 100% Sur 100%				
	SE1/4 SE1/4	30	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R14E								
N-139	(Continued)							
	SW1/4 SE1/4	30	40.00	Min 100% Sur 100%				
	W1/2 NW1/4 SE1/4	30	20.00	Min 100% Sur 100%				
140 15 49	SW1/4 SW1/4	30	45.00	Min 100% Sur 100%	45			
N-141	NE1/4 SW1/4	30	40.00	Min 100% Sur 100%	126			
	NW1/4 SW1/4	30	45.08	Min 100% Sur 100%				
	SE1/4 SW1/4	30	40.00	Min 100% Sur 100%				
142 15 49	SW1/4 NE1/4	31	40.00	Min 100% Sur 100%	40			
N-143	NE1/4 NE1/4	31	40.00	Min 100% Sur 100%	120			
	NW1/4 NE1/4	31	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	31	40.00	Min 100% Sur 100%				
144 15 49 15 49 15 49 15 49	NE1/4 NW1/4	31	40.00	Min 100% Sur 100%	170			
	NW1/4 NW1/4	31	44.77	Min 100% Sur 100%				
	SE1/4 NW1/4	31	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	31	44.32	Min 100% Sur 100%				
145 15 49 15 49 15 49 15 49	NE1/4 SE1/4	31	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4	31	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	31	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	31	40.00	Min 100% Sur 100%				
146 15 49 15 49	NE1/4 SW1/4	31	40.00	Min 100% Sur 100%	168			
	NW1/4 SW1/4	31	43.87	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R14E								
146	(Continued)							
15 49	SE1/4 SW1/4	31	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	31	43.42	Min 100% Sur 100%				
147					160			
15 49	NE1/4 NE1/4	32	40.00	Min 100% Sur 100%				
15 49	NW1/4 NE1/4	32	40.00	Min 100% Sur 100%				
15 49	SE1/4 NE1/4	32	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	32	40.00	Min 100% Sur 100%				
148					40			
15 49	NE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
N-149					120			
	NW1/4 NW1/4	32	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	32	40.00	Min 100% Sur 100%				
150					40			
15 49	NE1/4 SE1/4	32	40.00	Min 100% Sur 100%				
N-151					51			
	Comm at the S 1/4 Cor. Sec. 32, T16N, R14W, Huron County; running th N 0d24'23" E 658.17 feet along N-S 1/4 line, N 89d05'02" E 663.00 feet, S 0d 24'23"W 658.17 feet, S89d05'09" W 663.00 along SSec. line to POB.	32	10.02	Min 100% Sur 100%				
	NW1/4 SE1/4	32	40.00	Min 100% Sur 100%				
152					80			
15 49	SE1/4 SW1/4	32	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-153					80			
	NE1/4 SW1/4	32	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-154					80			
	NE1/4 NE1/4	33	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Huron County								
T16N R14E								
N-154	(Continued) NW1/4 NE1/4	33	40.00	Min 100% Sur 100%				
N-155	NE1/4 NW1/4	33	40.00	Min 100% Sur 100%	80			
	NW1/4 NW1/4	33	40.00	Min 100% Sur 100%				
156					80			
15 49	E1/2 SW1/4 SE1/4	33	20.00	Min 100% Sur 100%				
15 49	W1/2 NE1/4 SE1/4	33	20.00	Min 100% Sur 100%				
15 49	W1/2 SE1/4 SE1/4	33	20.00	Min 100% Sur 100%				
15 49	W1/2 SW1/4 SE1/4	33	20.00	Min 100% Sur 100%				
N-157					40			
	E1/2 NW1/4 SE1/4	33	20.00	Min 100% Sur 100%				
	W1/2 NW1/4 SE1/4	33	20.00	Min 100% Sur 100%				
158					40			
15 49	SE1/4 SW1/4	33	40.00	Min 100% Sur 100%				
N-159					40			
	The SW 1/4 of SW 1/4	33	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-160	NE1/4 NE1/4	2	36.40	Min 100% Sur 100%	133			
	NW1/4 NE1/4	2	36.40	Min 100% Sur 100%				
	SE1/4 NE1/4 ex S 10 acres	2	30.00	Min 100% Sur 100%				
	SW1/4 NE1/4 ex S 10 acres	2	30.00	Min 100% Sur 100%				
N-161	NE1/4 NW1/4	2	36.42	Min 100% Sur 100%	154			
	NW1/4 NW1/4	2	37.22	Min 100% Sur 100%				
	SE1/4 NW1/4	2	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	2	40.00	Min 100% Sur 100%				
N-162	NE1/4 SW1/4	2	40.00	Min 100% Sur 100%	80			
	NW1/4 SW1/4	2	40.00	Min 100% Sur 100%				
N-163	NE1/4 NE1/4	3	37.36	Min 100% Sur 100%	155			
	NW1/4 NE1/4	3	37.09	Min 100% Sur 100%				
	SE1/4 NE1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	3	40.00	Min 100% Sur 100%				
N-164	NE1/4 of NW1/4	3	37.15	Min 100% Sur 100%	155			
	NW1/4 of NW1/4	3	37.14	Min 100% Sur 100%				
	SE1/4 of NW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 of NW1/4	3	40.00	Min 100% Sur 100%				
N-165	N1/2 SW1/4 SE1/4	3	20.00	Min 100% Sur 100%	160			
	NE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	3	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionian County								
T06N R07W								
N-165	(Continued)							
	S1/2 SW1/4 SE1/4	3	20.00	Min 100% Sur 100%	160			
	SE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
NE1/4 SW1/4	3	40.00	Min 100% Sur 100%					
N-166	NW1/4 SW1/4	3	40.00	Min 100% Sur 100%	160			
	SE1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
N-167	NE1/4 NEfr1/4	4	37.22	Min 100% Sur 100%	155			
	SE1/4 NE1/4	4	40.00	Min 100% Sur 100%				
	The East 3/8 of the W1/2 of the NE frl 1/4	4	30.01	Min 100% Sur 100%				
	The West 47.22 acres of the Fr1 NE 1/4	4	47.22	Min 100% Sur 100%				
N-168	E 1 A of S 10 A of W 20 acres of SE1/4 NWfr1/4	4	1.00	Min 100% Sur 100%	155			
	E1/2 NW1/4 NWfr1/4	4	18.73	Min 100% Sur 100%				
	SW1/4 NW1/4	4	40.00	Min 100% Sur 100%				
	The East 37.46 acres of the Fr1 NW 1/4	4	37.46	Min 100% Sur 100%				
	The West 1/2 of the East 1/2 of the NW Fr1 1/4 EXCEPT 1 acre in SE corner thereof, said exception being a parcel 4 rods East and West by 40 rods North and South.	4	39.00	Min 100% Sur 100%				
	W1/2 NW1/4 NW1/4	4	18.74	Min 100% Sur 100%				
N-169	NE1/4 SE1/4	4	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4	4	40.00	Min 100% Sur 100%				
	SE1/4 of SE1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 of SE1/4	4	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-170	N1/2 NE1/4 SW1/4	4	20.00	Min 100% Sur 100%	40			
	N1/4 W1/2 SW1/4	4	20.00	Min 100% Sur 100%				
N-171	N 14.90 Acres of SE1/4 NE1/4	5	14.90	Min 100% Sur 100%	155			
	N 14.90 Acres of SW1/4 NE1/4	5	14.90	Min 100% Sur 100%				
	NE1/4 NE1/4	5	37.60	Min 100% Sur 100%				
	NW1/4 NE1/4	5	37.60	Min 100% Sur 100%				
	S 50 acres of NE1/4	5	50.00	Min 100% Sur 100%				
N-172	All that Part of W 1/2 of N 50 acres of NW 1/4 lyg S of W Riverside Drive, exc W 1/2 acre thereof; also exc parcel desc as com at NW 1/4 of sd Sec 5, th S 633.55 ft, N 65d55' E 113.73 ft to pt of POB, S 152.81 ft, N 89d50' E 73.82 ft, N 16d18' W 171 ft, S 65d55' W 28.27 ft to beg.	5	12.38	Min 100% Sur 100%	158			
	N 25 A. of NE1/4 of NW1/4	5	25.00	Min 100% Sur 100%				
	Part of NW 1/4 NW 1/4 desc as com at NW cor of sd sec 5, th S 740.26 ft to POB, th S 80 ft, N 89d50' E 103.83 ft, N 80 ft, S 89d50' W 103.83 ft to POB	5	0.19	Min 100% Sur 100%				
	S 3/8 NE1/4 NW1/4	5	14.86	Min 100% Sur 100%				
	S 3/8 NW1/4 NW1/4	5	14.87	Min 100% Sur 100%				
	SE1/4 NW1/4	5	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	5	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-172	(Continued)							
	Und 15/240 Int in* all that part W1/2 of N 50 acres of NW frl 1/4 lying N of W Riverside Dr, except beg at a point on W line of said Sec 5, distant 574.96 ft S of NW cor of said Sec, th E'ly parallel to said road 700 ft, th S parallel to W Sec line of Sec 5 a distance of 157 ft to centerline of said Co Rd, th W'ly along said road 700 ft to W line of Sec 5, th N along said Sec line 157 ft to pt of beg.	5	0.62	Min 100% Sur 100%				
	*CORRECTED DESCRIPTION AS FOLLOWS: All that part of the W ½ of the N 50 acres of the NW frl ¼ of said Section 5 lying N of W Riverside Drive EXCEPT beginning at a point on the W section line of said Section 5 574.96 ft. (more or less) S of the NW corner of said Section 5 to the centerline of said W Riverside Drive; thence NE'ly along said centerline 700 ft.; thence N parallel to the W section line of said Section 5 157 ft.; thence SW'ly parallel to said centerline of said W Riverside Drive 700 ft. (more or less) to the W section line of said Section 5; thence S along W section line of said Section 5 157 ft. to the point of beginning.							
	Und 23/240 Int in* all that part of W1/2 of N 50 acres of NW frl1/4 lying N of W Riverside Dr except beg at a point on W line of said Sec 5 distant 574.96 ft S of NW cor of said Sec, th E'ly parallel to said road 700 ft, th S parallel to W Sec line of sec 5, a distance of 157 ft to centerline of said Co Rd, th W'ly along said road 700 ft to W line of Sec 5, th N along said Sec line 157 ft to pt of beg. (10.04 acres)	5	0.96	Min 100% Sur 100%				
	*CORRECTED DESCRIPTION AS FOLLOWS: All that part of the W ½ of the N 50 acres of the NW frl ¼ of said Section 5 lying N of W Riverside Drive EXCEPT beginning at a point on the W section line of said Section 5 574.96 ft. (more or less) S of the NW corner of said Section 5 to the centerline of said W Riverside Drive; thence NE'ly along said centerline 700 ft.; thence N parallel to the W section line of said Section 5 157 ft.; thence SW'ly parallel to said centerline of said W Riverside Drive 700 ft. (more or less) to the W section line of said Section 5; thence S along W section line of said Section 5 157 ft. to the point of beginning.							

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-172	(Continued)							
	Und 50/240 Int* All that part W1/2 of N 50 acres of NW1/4 lying N of W Riverside Drive, except beg at a point on W line of Sec 5 distant 574.96 ft S of NW cor said Sec, th E'ly parallel to said road 700 ft th S parallel to W Sec line of Sec 5 a distance of 157 ft to centerline of said Co Road,th W'ly along said road 700 ft to W line of Sec 5, th N along said Sec line 157 ft to pt of beg. (10.04 acres)	5	2.09	Min 100% Sur 100%				
	*CORRECTED DESCRIPTION AS FOLLOWS: All that part of the W ½ of the N 50 acres of the NW frl ¼ of said Section 5 lying N of W Riverside Drive EXCEPT beginning at a point on the W section line of said Section 5 574.96 ft. (more or less) S of the NW corner of said Section 5 to the centerline of said W Riverside Drive; thence NE'ly along said centerline 700 ft.; thence N parallel to the W section line of said Section 5 157 ft.; thence SW'ly parallel to said centerline of said W Riverside Drive 700 ft. (more or less) to the W section line of said Section 5; thence S along W section line of said Section 5 157 ft. to the point of beginning.							
	Und 75/240 Int in* all that part of W1/2 of N 50 acres of NW1/4 lying N of West Riverside Drive, except beginning at a point on W line of said Sec 5 distant 574.96 ft S of NW cor of said Sec, th E'ly parallel to said road 700 ft, th S parallel to W Sec line of Sec 5 a distance of 157 ft to centerline of said Co Rd, th W'ly along said Rd 700 ft to W line of Sec 5, th N along said Sec line 157 ft to pt of beg. (10.04 acres)	5	3.15	Min 100% Sur 100%				
	*CORRECTED DESCRIPTION AS FOLLOWS: All that part of the W ½ of the N 50 acres of the NW frl ¼ of said Section 5 lying N of W Riverside Drive EXCEPT beginning at a point on the W section line of said Section 5 574.96 ft. (more or less) S of the NW corner of said Section 5 to the centerline of said W Riverside Drive; thence NE'ly along said centerline 700 ft.; thence N parallel to the W section line of said Section 5 157 ft.; thence SW'ly parallel to said centerline of said W Riverside Drive 700 ft. (more or less) to the W section line of said Section 5; thence S along W section line of said Section 5 157 ft. to the point of beginning.							

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-172	(Continued) Und 77/240 Int in* All that part of W1/2 of N 50 acres of NW frl 1/4 lying N of W Riverside Drive except beg at a point on W line of said Sec 5 distant 574.96 ft S of NW cor of said Sec, th E'ly parallel to said road 700 ft, th S parallel to W Sec line of Sec 5 a distance of 157 ft to centerline of said Co Rd, th W'ly along said road 700 ft to W line of Sec 5, th N along said Sec line 157 ft to pt of beg.(10.04 A) *CORRECTED DESCRIPTION AS FOLLOWS: All that part of the W 1/2 of the N 50 acres of the NW frl 1/4 of said Section 5 lying N of W Riverside Drive EXCEPT beginning at a point on the W section line of said Section 5 574.96 ft. (more or less) S of the NW corner of said Section 5 to the centerline of said W Riverside Drive; thence NE'ly along said centerline 700 ft.; thence N parallel to the W section line of said Section 5 157 ft.; thence SW'ly parallel to said centerline of said W Riverside Drive 700 ft. (more or less) to the W section line of said Section 5; thence S along W section line of said Section 5 157 ft. to the point of beginning.	5	3.22	Min 100% Sur 100%				
N-173	N1/2 NE1/4 SE1/4	5	20.00	Min 100% Sur 100%	40			
	N1/2 NW1/4 SE1/4	5	20.00	Min 100% Sur 100%				
N-174	N1/2 NE1/4 SW1/4	5	20.00	Min 100% Sur 100%	60			
	NW1/4 SW1/4	5	40.00	Min 100% Sur 100%				
N-175	All that part of E1/2 NE1/4 lying S'ly of c/l of Riverside Drive exc a parcel beg at intersection of c/l of Riverside Drive and the W line of E1/2 NE1/4, th S 0d25' W 229.0 ft, th S 88d57'45" E 660.0 ft, th N 0d25' E 518.4 ft to c/l of Riverside Drive, th SW'ly along said c/l to point of beginning.	6	47.34	Min 100% Sur 100%	54			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ionia County								
T06N R07W								
N-175	(Continued) That part of the following description lying within the NE1/4, Section 6, T06N, R07W: All that portion of the Grand Rapids Eastern Railroad Company's (Mid-Michigan Railroad, Inc.) right-of-way that extends in a general East-West direction on, over, across a portion of Ionia County, Michigan, as depicted on Detroit, Grand Haven & Milwaukee Railway Company Right-of-Way and Track Maps V10-33, V10-34, and V10-35, varying in width and irregular in shape, and described as follows: Commencing at a point known as Station 6888.54 being the East Line of Section 31, T06N, R07W, Ionia County, Michigan, thence traversing in a Westerly direction across the SE ¼ of Section 31, the NE ¼, the NW ¼, and the SW ¼ Section 6, T06N, R07W, Ionia County, Michigan. Subject to the reservations and restrictions as recorded in Ionia County Records, Liber 0610 Pages 5774-5779. Further subject to the National Trails System Act, being 16 U.S.C. § 1247 (d), applicable regulations at CFR § 1152.29, and the Notice of Interim Trail Use issued by the United States Surface Transportation Board in Mid-Michigan Railroad, Inc Abandonment Exemption in Kent and Ionia Counties, MI., STB Docket No. AB-364 (Sub-No. 12X) decision served April 4, 2008.	6	5.94	Min 100% Sur 100%				
N-176	N1/2 of NE1/4 of SE1/4	6	20.00	Min 100% Sur 100%	20			
N-177	NE1/4 NE1/4 exc West 1170 ft of South 570 ft and South 33 ft of East 150 ft.	9	24.55	Min 100% Sur 100%	25			
N-178	All that part of NW1/4 NW1/4 beg at the NW cor thereof, th E 800 ft, th SW'ly to a pt 800 ft S of the NW cor of sd NW1/4 NW1/4, th N to a pt of beg.	10	7.35	Min 100% Sur 100%	8			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T25N R05W								
179					160			
5	NE1/4 NE1/4	Subject to	14	40.00	Min 100%			
15	existing easements.				Sur 100%			
16								
5	NW1/4 NE1/4	Subject to	14	40.00	Min 100%			
15	existing easements.				Sur 100%			
16								
5	SE1/4 NE1/4	Subject to	14	40.00	Min 100%			
15	existing easements.				Sur 100%			
16								
5	SW1/4 NE1/4	Subject to	14	40.00	Min 100%			
15	existing easements.				Sur 100%			
16								
180					40			
5	NW1/4 SW1/4	Subject to	14	40.00	Min 100%			
15	existing easements.				Sur 100%			
N-181					80			
	SE1/4 SW1/4	Subject to	14	40.00	Min 100%			
	existing easements.				Sur 100%			
	SW1/4 SW1/4	Subject to	14	40.00	Min 100%			
	existing easements.				Sur 100%			
182					160			
5	NE1/4 NE1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
5	NW1/4 NE1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
5	SE1/4 NE1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
5	SW1/4 NE1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
183					160			
5	NE1/4 NW1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
3	NW1/4 NW1/4	Subject to	15	40.00	Min 100%			
5	existing easements.				Sur 100%			
5	SE1/4 NW1/4	Subject to	15	40.00	Min 100%			
15	existing easements.				Sur 100%			
5	SW1/4 NW1/4	Subject to	15	40.00	Min 100%			
15	existing easements.				Sur 100%			
184					160			
5	NE1/4 SE1/4	Subject to	15	40.00	Min 100%			
	existing easements.				Sur 100%			
5	NW1/4 SE1/4	Subject to	15	40.00	Min 100%			
15	existing easements.				Sur 100%			
5	SE1/4 SE1/4	Subject to	15	40.00	Min 100%			
15	existing easements.				Sur 100%			
16								

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T25N R05W								
184	(Continued)							
5 15 16	SW1/4 SE1/4 existing easements.	Subject to	15	40.00	Min 100% Sur 100%			
N-185					160			
	NE1/4 SW1/4 existing easements.	Subject to	15	40.00	Min 100% Sur 100%			
5	NW1/4 SW1/4 existing easements.	Subject to	15	40.00	Min 100% Sur 100%			
	SE1/4 SW1/4 existing easements.	Subject to	15	40.00	Min 100% Sur 100%			
	SW1/4 SW1/4 existing easements.	Subject to	15	40.00	Min 100% Sur 100%			
186					160			
5 15	NE1/4 NE1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	NW1/4 NE1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	SE1/4 NE1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	SW1/4 NE1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
187					160			
5 15	NE1/4 NW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	NW1/4 NW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15 19	SE1/4 NW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	SW1/4 NW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
188					160			
5 15	NE1/4 SW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	NW1/4 SW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	SE1/4 SW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			
5 15	SW1/4 SW1/4 existing easements.	Subject to	16	40.00	Min 100% Sur 100%			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T25N R07W								
189					120			
15 19	NE1/4 NE1/4	36	39.86	Min 100% Sur 100%				
15 19	SE1/4 NE1/4 existing easements. Subject to	36	39.87	Min 100% Sur 100%				
15	SW1/4 NE1/4	36	39.67	Min 100% Sur 100%				
190					160			
15 19	NE1/4 SE1/4	36	39.87	Min 100% Sur 100%				
15	NW1/4 SE1/4	36	39.67	Min 100% Sur 100%				
15 19	SE1/4 SE1/4 existing easements. Subject to	36	39.88	Min 100% Sur 100%				
15 19	SW1/4 SE1/4 existing easements. Subject to	36	39.68	Min 100% Sur 100%				
191					40			
15	SE1/4 SW1/4 existing easements. Subject to	36	39.46	Min 100% Sur 100%				
N-192					79			
	NW1/4 SW1/4	36	39.25	Min 100% Sur 100%				
	SW1/4 SW1/4 existing easements. Subject to	36	39.26	Min 100% Sur 100%				
Kalkaska County								
T26N R05W								
N-193					40			
	All that part of the West 80 feet of the South ½ of the Southeast ¼ lying Northerly and Westerly of the Manistee River, that lies in the following description: commence at the North ¼ corner of Section 21; thence S 04°46'36" W along the North and South ¼ line of said Section 3967.82 feet to the South 1/8 line of said Section; thence S 85°45'10" E along said 1/8 line 80.0 feet to the place of beginning; thence N 85°45'10" W along said 1/8 line 410.0 feet; thence S 04°46'36" W 1342.63 feet to the South line of said Section; thence S 85°38'14" E along said Section line to the South ¼ corner of said Section; thence continuing S 85°38'14" E along said Section line to the center thread of said river; thence upstream along said center thread to a point which is S 04°46'36" W of the place of beginning; thence N 04°46'36" E to an iron rod near the Northerly bank of said river; thence continuing N 04°46'36" E 848.23 feet to the Place of Beginning. (Bearings are based on the East line of Section 21 from the East ¼ corner to the Northeast corner assumed as N 04°44'04" E.)	21	2.50	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T26N R05W								
N-193	(Continued)							
	E 585.4 ft of W1/2 SW1/4 SE1/4 N of River	21	14.70	Min 100% Sur 100%				
	SW1/4 SE1/4 exc W1/2 SW1/4 SE1/4 N of c/l of river	21	22.80	Min 100% Sur 100%				
N-194	All that part of the East 330 feet of the Southeast ¼ of the Southwest ¼ lying Northerly and Westerly of the Manistee River that lies in the following description: commence at the North ¼ corner of Section 21; thence S 04°46'36" W along the North and South ¼ line of said Section 3967.82 feet to the South 1/8 line of said Section; thence S 85°45'10" E along said 1/8 line 80.0 feet to the place of beginning; thence N 85°45'10" W along said 1/8 line 410.0 feet; thence S 04°46'36" W 1342.63 feet to the South line of said Section; thence S 85°38'14" E along said Section line to the South ¼ corner of said Section; thence continuing S 85°38'14" E along said Section line to the center thread of said river; thence upstream along said center thread to a point which is S 04°46'36" W of the place of beginning; thence N 04°46'36" E to an iron rod near the Northerly bank of said river; thence continuing N 04°46'36" E 848.23 feet to the Place of Beginning. (Bearings are based on the East line of Section 21 from the East ¼ corner to the Northeast corner assumed as N 04°44'04" E.)	21	10.00	Min 100% Sur 100%	40			
	SE1/4 SW1/4 exc E 330 ft.	21	30.00	Min 100% Sur 100%				
Kalkaska County								
T27N R07W								
195					80			
15	SE1/4 SE1/4 Subject to existing easements.	19	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4, except the W 14 acres Subject to existing easements.	19	26.00	Min 100% Sur 100%				
15	W 14 acres of SW¼ of SE¼	19	14.00	Min 100% Sur 100%				
N-196	NW1/4 SE1/4 except E 200 feet of N 1/2 NW1/4 SE1/4 Subject to existing easements.	19	36.74	Min 100% Sur 100%	37			
197					40			
15	E 12 acres of SE1/4 SW frl 1/4	19	12.00	Min 100% Sur 100%				
15	W part of SE1/4 SW1/4	19	28.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T27N R07W								
N-198					68			
	NE1/4 SW1/4 Subject to existing easements.	19	40.00	Min 100% Sur 100%				
	W1/2 SW1/4 Subject to existing easements.	19	27.04	Min 100% Sur 100%				
N-199					40			
	NE1/4 NW1/4 Subject to existing easements.	30	40.00	Min 100% Sur 100%				
Kalkaska County								
T28N R05W								
200					40			
20	Part of NW1/4 desc as beg at a point located S 00d25m51s E 2388.16 ft along the N-S1/4 line of said Sec from N1/4 corner of said Sec; th N 89d16m43s W 707.0 ft; th N 00d25m51s W 721.0 ft; th S 89d16m43s E 631.13 ft; th S 06d25m26s E 726.5 ft to POB, containing 11.07 acres. Subject to existing easements.	1	11.07	Min 100% Sur 0%				
20	SE1/4 NW1/4 EXCEPT a parcel for a State Police post desc as beg at a point located S 00d25m51s E 2388.16 ft along the N-S1/4 line of said Sec from the N1/4 corner of said sec; th N 89d16m43s W 707.0 ft; th N 00d25m51s W 721.0 ft; th S 89d16m43s E 631.13 ft; th S 06d25m26s E 726.5 ft to POB, containing 11.07 acres. Subject to existing easements.	1	28.93	Min 100% Sur 100%				
Kalkaska County								
T28N R07W								
201					160			
	NE1/4 NW1/4	20	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4	20	40.00	Min 100% Sur 100%				
20	SE1/4 NW1/4	20	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	20	40.00	Min 100% Sur 100%				
N-202					10			
33	NW1/4 NW1/4 SW1/4 except beginning at W 1/4 corner of said sec. th S 00d22'42" W along W sec. line 302.39 ft, N 43d54'50" E 419.84 ft to E/W 1/4 ln, S 89d59'13" W along E/W 1/4 line 289.19 ft to point of beginning	26	9.00	Min 100% Sur 100%				
	Part of NW1/4 NW1/4 SW1/4 beginning at W 1/4 corner said sec. th S 00d22'42" W along W sec line 302.39 ft, N 43d54'50" E 419.84 ft to E/W 1/4 line, S 89d59'13" W along E/W 1/4 line 289.19 ft to point of beginning	26	1.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T28N R07W								
203	N1/2 SE1/4 SE1/4	27	20.00	Min 100% Sur 100%	30			
	SW1/4 SE1/4 SE1/4	27	10.00	Min 100% Sur 100%				
N-204	N1/2 NE1/4 SE1/4 except commencing at E 1/4 corner of said section th S 00d19'42" W along E section line 302.39 feet, S 43d51'50" W 462 feet, S 89d58'27" W 742.50 feet, N 65d30'42" E 564.46 feet, N 43d51'50" to E/W 1/4 line, N 89d57'41" along E/W 1/4 line 168.94 feet to pob	27	12.50	Min 100% Sur 100%	30			
	Part of N1/2 NE1/4 SE1/4 commencing at E 1/4 corner of said section th S 00d19'42" W along E section line 302.39 feet, S 43d51'50" W 462 feet S 89d58'27" W 742.50 feet, N 65d30'42" E 564.46 feet, N 43d51'50" to E/W 1/4 line, N 89d57'41" E along E/W 1/4 line 168.94 feet to pobSubject to existing easements.	27	7.50	Min 100% Sur 0%				
	Part of SE1/4 NE1/4 SE1/4 commencing at E 1/4 corner of said section th S 00d19'42" W along E section line 302.39 feet, S 43d51'50" W 462 feet and pob, S 43d51'50" W 95.73 feet, S 65d30'42" W 307.20 feet, N 00d20'04" E 167.72 feet, N 89d58'27" E 330 feet to pob	27	1.63	Min 100% Sur 0%				
	SE1/4 NE1/4 SE1/4 except commencing at E 1/4 corner of said section th S 00d19'42" W along E section line 302.39 feet, S 43d51'50" W 462 feet and pob, S 43d51'50" W 95.73 feet, S 65d30'42" W 307.20 feet, N 00d20'04" E 167.72 feet, N 89d58'27" E 330 feet to pob	27	8.37	Min 100% Sur 100%				
N-205	Com at SE cor of NE1/4 of SW1/4, th W 39 rods 3 ft to W line of hwy as place of beg, th W 26 2/3 rods, N 12 rods, E 26 2/3 rods to W line of hwy, S along hwy 12 rods to beginning	27	2.00	Min 100% Sur 100%	4			
	Com at SE cor of NE1/4 of SW1/4, thence W from said cor 39 rods 3 ft to W side of hwy, thence parallel to GR&I RR N on W line of hwy 18 rods as a place of beg, W 8 rods, N at equal distance from hwy 14 rods, E 8 rods, S 14 rods to beginning.	27	0.70	Min 100% Sur 100%				
	Com at the SE cor of NE1/4 SW1/4, W 39 rds 3 ft to W line of hwy, th parallel to G.R. & I.R.R, N on W line of hwy 32 rods to place of beg., th W 8 rods; N 16 rods; E 8 rods; S 16 rods to beg.	27	0.80	Min 100% Sur 100%				
	Parcel com at SE cor of NE1/4 of SW1/4, th W from said cor 39 rods 3 ft to W side of hwy, running parallel to G.R. & I.R.R. N on W side of Hwy 12 rds as a beg, th W 8 rds, N at equal distance from hwy 6 rds, E 8 rds, S 6 rds to beg	27	0.30	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Manistee County								
T21N R16W								
N-206	Govt Lot 1 (NE1/4 NE1/4 N & E of River)	6	9.50	Min 100% Sur 100%	10			
N-207	Part of Govt Lot 7 within NW1/4 NW1/4 W of river	6	8.00	Min 100% Sur 100%	23			
	Part of Govt Lot 7 within SW1/4 NW1/4 W of River	6	14.40	Min 100% Sur 100%				
Manistee County								
T21N R17W								
N-208	Island	1	12.17	Min 100% Sur 100%	40			
	Lot 1	1	27.00	Min 100% Sur 100%				
Manistee County								
T23N R14W								
N-209	All that part of SW1/4 SE1/4 lying W of Bear Creek Subject to existing easements.	7	10.50	Min 100% Sur 100%	16			
	All that part SW1/4 NW1/4 SE1/4 lying W of Bear Creek	7	5.50	Min 100% Sur 100%				
Manistee County								
T24N R14W								
210					120			
15	NW1/4 NE1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
49	SW1/4 NE1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
	W1/2 NE1/4 NE1/4 to existing easements. Subject	13	20.00	Min 100% Sur 100%				
	W1/2 SE1/4 NE1/4 to existing easements. Subject	13	20.00	Min 100% Sur 100%				
211					80			
15	NE1/4 SE1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
15	NW1/4 SE1/4	13	40.00	Min 100% Sur 100%				
19								
N-212					60			
	S1/2 SE1/4 SE1/4	13	20.00	Min 100% Sur 100%				
	SW1/4 SE1/4	13	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Manistee County								
T24N R14W								
213					120			
15	NE1/4 SW1/4	13	40.00	Min 100%				
19				Sur 100%				
49								
15	NW1/4 SW1/4	13	40.00	Min 100%				
19	existing easements.			Sur 100%				
49								
15	SE1/4 SW1/4	13	40.00	Min 100%				
16				Sur 100%				
19								
49								
N-214					40			
	SW1/4 SW1/4	13	40.00	Min 100%				
	existing easements.			Sur 100%				
N-215					160			
	NE1/4 SE1/4	22	40.00	Min 100%				
				Sur 100%				
	NW1/4 SE1/4 EXC RR Corridor	22	39.89	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	22	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	22	40.00	Min 100%				
				Sur 100%				
N-216					160			
	NE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	NW1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
	SW1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
217					160			
15	NE1/4 NE1/4	26	40.00	Min 100%				
	existing easements.			Sur 100%				
15	NW1/4 NE1/4	26	40.00	Min 100%				
	existing easements.			Sur 100%				
15	SE1/4 NE1/4	26	40.00	Min 100%				
19	existing easements.			Sur 100%				
15	SW1/4 NE1/4	26	40.00	Min 100%				
19	existing easements.			Sur 100%				
218					40			
15	NE1/4 NW1/4	26	40.00	Min 100%				
19	existing easements.			Sur 100%				
N-219					40			
	NW1/4 NW1/4	26	40.00	Min 100%				
				Sur 100%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Manistee County								
T24N R14W								
N-220	NE1/4 SE1/4 existing easements.	Subject to	26	40.00	Min 100% Sur 100%	80		
	SE1/4 SE1/4		26	40.00	Min 100% Sur 100%			
N-221	NE1/4 NE1/4		27	40.00	Min 100% Sur 100%	120		
	NW1/4 NE1/4		27	40.00	Min 100% Sur 100%			
	SW1/4 NE1/4		27	40.00	Min 100% Sur 100%			
222 15 19	NW1/4 SE1/4		27	40.00	Min 100% Sur 100%	80		
	SW1/4 SE1/4 existing easements.	Subject to	27	40.00	Min 100% Sur 100%			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Midland County								
T14N R02W								
N-223					80			
	SE1/4 NE1/4	32	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	32	40.00	Min 100% Sur 100%				
224					80			
15 49	NE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
15 49	NW1/4 NW1/4	32	40.00	Min 100% Sur 100%				
N-225					79			
	SE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4 ex 1 A in SW cor, N & S 16 rds by E & W 10 rds.	32	39.00	Min 100% Sur 100%				
226					40			
15 49	NW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-227					40			
	NE1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-228					80			
	NW1/4 NW1/4	33	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	33	40.00	Min 100% Sur 100%				
Midland County								
T16N R01W								
N-229					77			
	NW1/4 NW1/4	10	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4 ex S 100 ft.	10	36.97	Min 100% Sur 100%				
N-230					80			
	NE1/4 SW1/4	13	40.00	Min 100% Sur 0%				
	SE1/4 SW1/4	13	40.00	Min 100% Sur 0%				
231					40			
15 16 49	SW1/4 NW1/4	15	40.00	Min 100% Sur 100%				
N-232					40			
	NW1/4 NW1/4	24	40.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Midland County								
T16N R02E								
N-233	*Com 792 ft E of S1/4 cor, th E 66 ft, N 363 ft, E 132 ft, S 99 ft, E 165 ft, S 264 ft, E 165 ft, N 2640 ft, W 660 ft, s 2277 ft, E 132 ft, S 363 ft	17	36.80	Min 100% Sur 100%	37			
234 15 49	SW1/4 NE1/4	20	40.00	Min 100% Sur 100%	40			
235 15 49	NW1/4 SE1/4	20	40.00	Min 100% Sur 100%	40			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T14N R13W								
N-236					135			
	N1/2 SW1/4 NE1/4	5	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4	5	27.87	Min 100% Sur 0%				
	NW1/4 NE1/4	5	27.01	Min 100% Sur 0%				
	S1/2 SW1/4 NE1/4	5	20.00	Min 100% Sur 0%				
	SE1/4 NE1/4	5	40.00	Min 100% Sur 0%				
N-237					130			
	N1/4 SE1/4 NW1/4	5	9.84	Min 100% Sur 0%				
	NE1/4 NW1/4	5	25.96	Min 100% Sur 0%				
	NW1/4 NW1/4	5	25.11	Min 100% Sur 0%				
	S3/4 SE1/4 NW1/4	5	29.55	Min 100% Sur 0%				
	SW1/4 NW1/4	5	39.39	Min 100% Sur 0%				
N-238					107			
	NE1/4 NE1/4	6	26.77	Min 100% Sur 0%				
	SE1/4 NE1/4	6	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	6	40.00	Min 100% Sur 0%				
239					40			
1	SE1/4 NW1/4	6	40.00	Min 100% Sur 0%				
15								
16								
33								
N-240					78			
	NE1/4 NW1/4	6	34.33	Min 100% Sur 0%				
	SW1/4 NW1/4	6	43.42	Min 100% Sur 0%				
N-241					134			
	NE1/4 SW1/4	6	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	6	45.58	Min 100% Sur 0%				
	SW1/4 SW1/4	6	47.73	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T14N R14W								
N-242					141			
	N1/2 SE1/4 NE1/4	1	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4	1	40.13	Min 100% Sur 0%				
	NW1/4 NE1/4	1	40.36	Min 100% Sur 0%				
	SW1/4 NE1/4	1	40.00	Min 100% Sur 0%				
N-243					82			
	NW1/4 NW1/4	1	40.83	Min 100% Sur 0%				
	W1/2 NE1/4 NW1/4	1	20.30	Min 100% Sur 0%				
	W1/2 SE1/4 NW1/4	1	20.00	Min 100% Sur 0%				
N-244					40			
	NE1/4 SW1/4	1	40.00	Min 100% Sur 0%				
N-245					40			
	SE1/4 SE1/4	2	40.00	Min 100% Sur 0%				
N-246					40			
	SW1/4 SW1/4	2	40.00	Min 100% Sur 0%				
N-247					9			
	W 8.46 acres of Lot 3 (SW NE)	3	8.46	Min 100% Sur 0%				
N-248					65			
	Lot 6	3	34.62	Min 100% Sur 0%				
	W 30 acres of Lot 5 excepting a strip of land 1 rod wide along S side.	3	29.50	Min 100% Sur 0%				
N-249					122			
	Lot 4	3	41.23	Min 100% Sur 0%				
	SE1/4 SE1/4	3	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	3	40.00	Min 100% Sur 0%				
250					60			
1 16	NE1/4 NE1/4	10	40.00	Min 100% Sur 0%				
1 16	W1/2 SE1/4 NE1/4	10	20.00	Min 100% Sur 0%				
N-251					140			
	NE1/4 of NE1/4	11	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T14N R14W								
N-251	(Continued)							
	NW1/4 NE1/4	11	40.00	Min 100% Sur 0%				
	S1/2 SE1/4 NE1/4	11	20.00	Min 100% Sur 0%				
	SW1/4 NE1/4	11	40.00	Min 100% Sur 0%				
N-252	Comm at NW cor of SW1/4 NW1/4, E 16 rds, S 10 rds, W 16 rds, N 10 rds to beg.	11	1.10	Min 100% Sur 0%	122			
	NE1/4 NW1/4	11	40.00	Min 100% Sur 0%				
	NW1/4 NW1/4	11	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	11	40.00	Min 100% Sur 0%				
N-253	NW1/4 SW1/4	11	40.00	Min 100% Sur 0%	80			
	SW1/4 SW1/4	11	40.00	Min 100% Sur 0%				
N-254	NE1/4 NE1/4	14	40.00	Min 100% Sur 0%	80			
	SE1/4 NE1/4	14	40.00	Min 100% Sur 0%				
N-255	NW1/4 NW1/4	14	40.00	Min 100% Sur 0%	40			
N-256	*A par at SW cor W1/2 NW1/4 th N 10 rds E 16 rods S 10 rds to POB	16	1.00	Min 100% Sur 0%	1			
257 3 15	SW1/4 SE1/4	18	40.00	Min 100% Sur 0%	40			
N-258	N1/4 SW1/4 NE1/4	19	10.00	Min 100% Sur 0%	57			
	NW1/4 NE1/4	19	40.00	Min 100% Sur 0%				
	Parcel comm at NE cor of S3/4 of SW1/4 of NE1/4 th W 80 rds, th S 14 rds, th E 80 rds, th N 14 rds to beg.	19	7.00	Min 100% Sur 0%				
N-259	NW 1/4 NE 1/4	28	40.00	Min 100% Sur 100%	40			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T14N R14W								
N-260	E 1/2 NE 1/4 NW 1/4	28	20.00	Min 100% Sur 100%	20			
N-261	N 135 ft of SW1/4 NE1/4	29	4.00	Min 100% Sur 100%	22			
	NW1/4 NE1/4 S of River	29	14.50	Min 100% Sur 100%				
	S 265 ft of N 400 ft of W1/4 SW1/4 NE1/4	29	3.00	Min 100% Sur 100%				
N-262	NE1/4 NW1/4 S of River	29	4.00	Min 100% Sur 100%	4			
Newaygo County								
T15N R13W								
N-263	*Commencing 30 feet South & 665 feet West of N1/4 post thence West 300 feet South 300 feet East 300 feet, North 300 feet to beginning.	5	0.20	Min 100% Sur 0%	1			
264	NW1/4 SE1/4	7	40.00	Min 100% Sur 0%	80			
1 15 16 1 16	SW1/4 SE1/4	7	40.00	Min 100% Sur 0%				
265	NE1/4 SW1/4	7	40.00	Min 100% Sur 0%	78			
1 16 1 16	NW1/4 SW1/4	7	37.04	Min 100% Sur 0%				
N-266	SE1/4 SW1/4	7	40.00	Min 100% Sur 0%	77			
	SW1/4 SW1/4	7	36.57	Min 100% Sur 0%				
N-267	NW1/4 of NE1/4 except W1/2 NW1/4 NE1/4	8	20.00	Min 100% Sur 0%	40			
	W1/2 NW1/4 NE1/4	8	20.00	Min 100% Sur 0%				
N-268	NW1/4 NE1/4	19	40.00	Min 100% Sur 0%	40			
N-269	NE1/4 NW1/4	19	40.00	Min 100% Sur 0%	153			
	NW1/4 NW1/4	19	36.03	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R13W								
N-269	(Continued) SE1/4 NW1/4	19	40.00	Min 100% Sur 0%				
	SW1/4 NW1/4	19	35.99	Min 100% Sur 0%				
N-270	NW1/4 of SE1/4	19	40.00	Min 100% Sur 0%	40			
N-271	SW1/4 SW1/4	19	35.91	Min 100% Sur 0%	36			
N-272	NW1/4 NW1/4	27	40.00	Min 100% Sur 0%	80			
	SW1/4 NW1/4	27	40.00	Min 100% Sur 0%				
N-273	SE1/4 NW1/4	28	40.00	Min 100% Sur 0%	40			
N-274	E1/3 S3/5 SE1/4 SE1/4 NW1/4	29	2.00	Min 100% Sur 0%	108			
	N2/5 SE1/4 SE1/4 NW1/4	29	4.00	Min 100% Sur 0%				
	NE1/4 SE1/4 NW1/4	29	10.00	Min 100% Sur 0%				
	NW1/4 NW1/4	29	40.00	Min 100% Sur 0%				
	S1/2 NW1/4 SE1/4 NW1/4	29	5.00	Min 100% Sur 0%				
	S3/10 SW1/4 SE1/4 NW1/4	29	3.00	Min 100% Sur 0%				
	SW1/4 NW1/4	29	40.00	Min 100% Sur 0%				
	W2/3 S3/5 SE1/4 SE1/4 NW1/4	29	4.00	Min 100% Sur 0%				
275	NE1/4 NE1/4	30	40.00	Min 100% Sur 0%	80			
1 16	SE1/4 NE1/4	30	40.00	Min 100% Sur 0%				
N-276	N1/2 SE1/4 SW1/4	30	20.00	Min 100% Sur 0%	134			
	NW1/4 SW1/4	30	36.47	Min 100% Sur 0%				
	S1/2 SE1/4 SW1/4	30	20.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R13W								
N-276	(Continued)							
	SW1/4 SW1/4	30	36.69	Min 100% Sur 0%				
	W1/2 NE1/4 SW1/4	30	20.00	Min 100% Sur 0%				
N-277					160			
	NE1/4 NE1/4	31	40.00	Min 100% Sur 0%				
	NW1/4 NE1/4	31	40.00	Min 100% Sur 0%				
	SE1/4 NE1/4	31	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	31	40.00	Min 100% Sur 0%				
N-278					80			
	SE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	31	40.00	Min 100% Sur 0%				
N-279					40			
	SW1/4 SW1/4	31	39.75	Min 100% Sur 0%				
280 15	SW1/4 SW1/4	33	40.00	Min 100% Sur 0%	40			
Newaygo County								
T15N R14W								
N-281					83			
	NE1/4 NE1/4	1	41.41	Min 100% Sur 0%				
	NW1/4 NE1/4	1	40.67	Min 100% Sur 0%				
282 15	SW1/4 NW1/4	1	40.00	Min 100% Sur 0%	40			
N-283					80			
	SE1/4 NE1/4	3	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	3	40.00	Min 100% Sur 0%				
284 15	E1/2 NE1/4 SE1/4	8	20.00	Min 100% Sur 0%	20			
N-285					40			
	NW1/4 SE1/4	10	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R14W								
N-286					160			
	NE1/4 NW1/4	11	40.00	Min 100% Sur 0%				
	NW1/4 NW1/4	11	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	11	40.00	Min 100% Sur 0%				
	SW1/4 NW1/4	11	40.00	Min 100% Sur 0%				
N-287					80			
	NW1/4 SE1/4	11	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	11	40.00	Min 100% Sur 0%				
N-288					160			
	NE1/4 SW1/4	11	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	11	40.00	Min 100% Sur 0%				
	SE1/4 SW1/4	11	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	11	40.00	Min 100% Sur 0%				
N-289					40			
	SE1/4 NE1/4	12	40.00	Min 100% Sur 0%				
N-290					80			
	NW1/4 SE1/4	12	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	12	40.00	Min 100% Sur 0%				
N-291					80			
	NE1/4 SW1/4	12	40.00	Min 100% Sur 0%				
	SE1/4 SW1/4	12	40.00	Min 100% Sur 0%				
N-292					40			
	NW1/4 NW1/4	13	40.00	Min 100% Sur 0%				
N-293					160			
	NE1/4 SE1/4	13	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	13	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	13	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	13	40.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R14W								
N-294					80			
	NW1/4 SW1/4	13	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	13	40.00	Min 100% Sur 0%				
N-295					40			
	N1/2 SE1/4 NE1/4	14	20.00	Min 100% Sur 0%				
	N1/2 SW1/4 NE1/4	14	20.00	Min 100% Sur 0%				
N-296					80			
	NE1/4 SE1/4	14	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	14	40.00	Min 100% Sur 0%				
N-297					80			
	NE1/4 NE1/4	15	40.00	Min 100% Sur 0%				
	NW1/4 NE1/4	15	40.00	Min 100% Sur 0%				
298					80			
15	NE1/4 NW1/4	15	40.00	Min 100% Sur 0%				
15	NW1/4 NW1/4	15	40.00	Min 100% Sur 0%				
N-299					45			
	Part of E1/2 SE1/4 commencing at SE corner West 80 rds, North 57 rds 79 links, East 55 rds, North 102 rds 21 links, East 25 rds, South 160 rods to beginning.	15	44.65	Min 100% Sur 0%				
300					40			
3 15	SE1/4 NW1/4	17	40.00	Min 100% Sur 0%				
N-301					40			
	SE1/4 NE1/4	23	40.00	Min 100% Sur 0%				
N-302					80			
	SE1/4 NE1/4	24	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	24	40.00	Min 100% Sur 0%				
N-303					160			
	NE1/4 NW1/4	24	40.00	Min 100% Sur 0%				
	NW1/4 NW1/4	24	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	24	40.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R14W								
N-303	(Continued) SW1/4 NW1/4	24	40.00	Min 100% Sur 0%				
N-304	NE1/4 SE1/4	24	40.00	Min 100% Sur 0%	80			
	SE1/4 SE1/4	24	40.00	Min 100% Sur 0%				
N-305	NE1/4 NE1/4	25	40.00	Min 100% Sur 0%	40			
N-306	NE1/4 NW1/4	25	40.00	Min 100% Sur 0%	120			
	NW1/4 NW1/4	25	40.00	Min 100% Sur 0%				
	SW1/4 NW1/4	25	40.00	Min 100% Sur 0%				
N-307	NE1/4 SW1/4	25	40.00	Min 100% Sur 0%	120			
	NW1/4 SW1/4	25	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	25	40.00	Min 100% Sur 0%				
308 15	SW1/4 NW1/4	34	40.00	Min 100% Sur 0%	40			
N-309	E1/2 SE1/4 SW1/4	34	20.00	Min 100% Sur 0%	80			
	NW1/4 SW1/4	34	40.00	Min 100% Sur 0%				
	W1/2 SE1/4 SW1/4	34	20.00	Min 100% Sur 0%				
310 1 16 33	NE1/4 NW1/4	35	40.00	Min 100% Sur 0%	80			
1 16 33	NW1/4 NW1/4	35	40.00	Min 100% Sur 0%				
N-311	NE1/4 SE1/4	35	40.00	Min 100% Sur 0%	80			
	NW1/4 SE1/4	35	40.00	Min 100% Sur 0%				
N-312	N1/2 of Lot 1 (SW1/4 SW1/4)	35	17.63	Min 100% Sur 0%	58			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Newaygo County								
T15N R14W								
N-312	(Continued) NW1/4 SW1/4	35	40.00	Min 100% Sur 0%				
N-313	NE1/4 NE1/4	36	40.00	Min 100% Sur 0%	160			
	NW1/4 NE1/4	36	40.00	Min 100% Sur 0%				
	SE1/4 NE1/4	36	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	36	40.00	Min 100% Sur 0%				
N-314	NE1/4 SE1/4	36	40.00	Min 100% Sur 0%		80		
	NW1/4 SE1/4	36	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
N-315	Oakland County T03N R11E	31	11.00	Min 100% Sur 0%	11			
<p>That part of the following description lying within the SE1/4 SE1/4, section 31, T03N, R11E:</p> <p>Parcel 1: Part of the Southeast 1/4 of Section 31, and part of the Southwest 1/4 of Section 32, T03N, R11E, Oakland County, described as beginning at the Southeast corner of said Section 31; thence due West along South line of said Section 31 a distance of 23.64 feet; thence North 7°55' West 692.24 feet; thence North 88°53'40" West 153.96 feet; thence South 7°55' East 695.24 feet to the South line of said Section 31; thence due West along said South line 174.32 feet; thence North 7°55' West 645.35 feet; thence North 89°01'55" West 150.93 feet; thence North 88°25' West 150.00 feet; thence North 8° 32'50" West 1817.05 feet to the East and West 1/4 section line of said Section 31; thence North 86°46' East along said East and West 1/4 section line 116.54 feet; thence continuing along said East and West 1/4 section line North 87°50' East 436.10 feet to the East 1/4 corner of said Section 31, also being the West 1/4 corner of said Section 32; thence continuing along said East and West 1/4 section line of said Section 32, North 88° 26' East 168.10 feet; thence South 8°49' East 938.29 feet; thence North 82°54' East 1243.57 feet; thence North 8°49' West 814.05 feet to said East and West 1/4 section line; thence North 88°52' East along said East and West 1/4 section line 172.32 feet; thence South 1°08' East 30.01 feet; thence North 88°52' East 330.31 feet; thence South 1°08' East 1241.43 feet to the North line of "Supervisor's Plat of Messmore Farms Subdivision"; thence North 89°49'17" West along said North line 665.10 feet to the West line of said subdivision; thence South 7°40'44" East along said West line 1315.91 feet to the South line of said Section 32; thence North 89°24' West along said South line 993.95 feet to the point of beginning.</p>								

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
N-315	Oakland County T03N R11E	31	11.00	Min 100% Sur 0%	11			
<p>(Continued)</p> <p>Parcel 2: Part of the West 1/2 of the Southeast 1/4 and the West 1/2 of the East 1/2 of the Southeast 1/4 of Section 31, T03N, R11E described as: Commencing at a point North 0°06' East 990.00 feet from the Southwest corner of said Southeast 1/4 of Section 31; thence along the North and South 1/4 line North 0°06' East 1457 feet to a monument at the center of said Section 31; thence North 86°48'40" East 625.89 feet along the East and West 1/4 Section line to a monument which is the Southwest corner of Klem Gardens Subdivision, as recorded in Liber 47 of Plats, Page 54, Oakland County Records; thence continuing along said 1/4 section line (and South line of Klem Gardens Subdivision) North 88°21' East 634.93 feet to a monument; thence continuing along said East and West 1/4 section line North 88°50' East 345.40 feet to a point; South 8°33'45" East 1306.30 feet to a point; thence due West 500.00 feet to a point; thence South 8°33'45" East 1222.70 feet to a point on the South section line being the center line of South Boulevard; thence along said section line due West 1148.50 feet to a point; thence North 1°57' East 990.50 feet to a point; thence due West 369.00 feet to the point of beginning.</p> <p>Parcel 3: Part of the Southwest 1/4 of Section 32, T03N, R11E, Oakland county, described as: Beginning at a point in the East and West 1/4 section line of said Section 32, distant North 88°26' East on said 1/4 section line 168.10 feet from the West 1/4 corner of said Section 32; thence South 8°49' East 938.29 feet; thence North 82°54' East 1243.57 feet; thence North 8°49' West 814.05 feet to a corner of Coolidge Highway Subdivision; thence South 88°37' West on East and West 1/4 section line 957.10 feet; thence South 88°26' West along said East and West 1/4 section line 296.53 feet to the point of beginning.</p>								

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R15W								
N-316	SW1/4 SW1/4	4	40.00	Min 100% Sur 0%	40			
N-317	SE1/4 SE1/4	5	40.00	Min 100% Sur 0%	40			
318	NE1/4 SW1/4	5	40.00	Min 100% Sur 0%	40			
N-319	SW1/4 SE1/4	6	40.00	Min 100% Sur 0%	40			
N-320	NW1/4 NE1/4	7	40.00	Min 100% Sur 0%	80			
	SW1/4 NE1/4	7	40.00	Min 100% Sur 0%				
N-321	NW1/4 NW1/4	7	41.52	Min 100% Sur 0%	83			
	SW1/4 NW1/4	7	41.37	Min 100% Sur 0%				
N-322	NE1/4 SE1/4	7	40.00	Min 100% Sur 0%	160			
	NW1/4 SE1/4	7	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	7	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	7	40.00	Min 100% Sur 0%				
N-323	NE1/4 SW1/4	7	40.00	Min 100% Sur 0%	163			
	NW1/4 SW1/4	7	41.22	Min 100% Sur 0%				
	SE1/4 SW1/4	7	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	7	41.07	Min 100% Sur 0%				
N-324	SW1/4 NW1/4	8	40.00	Min 100% Sur 0%	40			
N-325	SE1/4 SE1/4	8	40.00	Min 100% Sur 0%	40			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R15W								
N-326					40			
	SE1/4 SW1/4	8	40.00	Min 100% Sur 0%				
N-327					40			
	NW1/4 NW1/4	9	40.00	Min 100% Sur 0%				
N-328					30			
	NE1/4 SE1/4 SE1/4	9	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4	9	20.00	Min 100% Sur 0%				
N-329					80			
34	NW1/4 NE1/4	17	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	17	40.00	Min 100% Sur 0%				
N-330					160			
34	NE1/4 NW1/4	17	40.00	Min 100% Sur 0%				
34	NW1/4 NW1/4	17	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4	17	40.00	Min 100% Sur 0%				
34	SW1/4 NW1/4	17	40.00	Min 100% Sur 0%				
N-331					120			
	NE1/4 SW1/4	17	40.00	Min 100% Sur 0%				
34	NW1/4 SW1/4	17	40.00	Min 100% Sur 0%				
34	SE1/4 SW1/4	17	40.00	Min 100% Sur 0%				
N-332					160			
	NE1/4 NE1/4	18	40.00	Min 100% Sur 0%				
	NW1/4 NE1/4	18	40.00	Min 100% Sur 0%				
	SE1/4 NE1/4	18	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	18	40.00	Min 100% Sur 0%				
N-333					162			
	NE1/4 NW1/4	18	40.00	Min 100% Sur 0%				
	NW1/4 NW1/4	18	40.93	Min 100% Sur 0%				
	SE1/4 NW1/4	18	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R15W								
N-333	(Continued) SW1/4 NW1/4	18	40.81	Min 100% Sur 0%				
N-334	NE1/4 SE1/4	18	40.00	Min 100% Sur 0%	160			
	NW1/4 SE1/4	18	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	18	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	18	40.00	Min 100% Sur 0%				
N-335	NE1/4 SW1/4	18	40.00	Min 100% Sur 0%	121			
	NW1/4 SW1/4	18	40.68	Min 100% Sur 0%				
	SE1/4 SW1/4	18	40.00	Min 100% Sur 0%				
N-336	NE1/4 NE1/4	19	40.00	Min 100% Sur 0%	120			
	SE1/4 NE1/4	19	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	19	40.00	Min 100% Sur 0%				
N-337	SW1/4 NW1/4	19	40.39	Min 100% Sur 0%	41			
N-338	NE1/4 SW1/4	19	40.00	Min 100% Sur 0%	161			
	NW1/4 SW1/4	19	40.31	Min 100% Sur 0%				
	SE1/4 SW1/4	19	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	19	40.24	Min 100% Sur 0%				
Oceana County								
T13N R16W								
339	N 35 rods of S1/2 SE1/4	2	33.75	Min 100% Sur 0%	74			
15	NE1/4 SE1/4	2	40.00	Min 100% Sur 0%				
N-340	SW1/4 SE1/4	3	40.00	Min 100% Sur 0%	40			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-341	SE1/4 SW1/4	3	40.00	Min 100% Sur 0%	40			
N-342	W 10 rds of N 16 rds of NE1/4 NE1/4	5	1.00	Min 100% Sur 0%	1			
N-343	NW1/4 NW1/4	5	37.19	Min 100% Sur 0%	38			
344 15	NW1/4 SE1/4	5	40.00	Min 100% Sur 0%	40			
345 1	NE1/4 NE1/4	6	36.80	Min 100% Sur 0%	37			
N-346	*Parcel of land NW of hwy in NW corner of SW1/4 SE1/4	7	1.00	Min 100% Sur 0%	1			
N-347	NW1/4 NE1/4	9	40.00	Min 100% Sur 0%	80			
	SW1/4 NE1/4	9	40.00	Min 100% Sur 0%				
N-348	NE1/4 SE1/4	9	40.00	Min 100% Sur 0%	160			
	NW1/4 SE1/4	9	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	9	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	9	40.00	Min 100% Sur 0%				
N-349	SE1/4 SW1/4	9	40.00	Min 100% Sur 0%	80			
	SW1/4 SW1/4	9	40.00	Min 100% Sur 0%				
N-350	NW1/4 NE1/4	10	40.00	Min 100% Sur 0%	80			
	SW1/4 NE1/4	10	40.00	Min 100% Sur 0%				
N-351	NE1/4 SW1/4	10	40.00	Min 100% Sur 0%	160			
	NW1/4 SW1/4	10	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-351	(Continued)							
	SE1/4 SW1/4	10	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	10	40.00	Min 100% Sur 0%				
N-352					80			
	SE1/4 NE1/4	11	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	11	40.00	Min 100% Sur 0%				
N-353					40			
	NE1/4 NE1/4	12	40.00	Min 100% Sur 0%				
N-354					40			
	SW1/4 NW1/4	12	40.00	Min 100% Sur 0%				
N-355					160			
	NE1/4 SE1/4	12	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	12	40.00	Min 100% Sur 0%				
34	SE1/4 SE1/4	12	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	12	40.00	Min 100% Sur 0%				
N-356					40			
	SW1/4 SW1/4	12	40.00	Min 100% Sur 0%				
N-357					40			
34	SE1/4 NE1/4	13	40.00	Min 100% Sur 0%				
N-358					120			
	NE1/4 SE1/4	13	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	13	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	13	40.00	Min 100% Sur 0%				
N-359					160			
34	NE1/4 SW1/4	13	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	13	40.00	Min 100% Sur 0%				
	SE1/4 SW1/4	13	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	13	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-360					120			
34	NE1/4 NE1/4	14	40.00	Min 100% Sur 0%				
	NW1/4 NE1/4	14	40.00	Min 100% Sur 0%				
34	SE1/4 NE1/4	14	40.00	Min 100% Sur 0%				
N-361					80			
34	NE1/4 SE1/4	14	40.00	Min 100% Sur 0%				
34	SE1/4 SE1/4	14	40.00	Min 100% Sur 0%				
N-362					30			
34	NW1/4 SE1/4 NE1/4	15	10.00	Min 100% Sur 0%				
34	S1/2 SE1/4 NE1/4	15	20.00	Min 100% Sur 0%				
N-363					30			
34	E1/2 NE1/4 SE1/4	15	20.00	Min 100% Sur 0%				
34	NW1/4 NE1/4 SE1/4	15	10.00	Min 100% Sur 0%				
364					20			
1 15	E1/2 NE1/4 NW1/4	16	20.00	Min 100% Sur 0%				
N-365					10			
	NW1/4 SE1/4 NW1/4	16	10.00	Min 100% Sur 0%				
366					40			
15	E1/2 SE1/4 NW1/4	17	20.00	Min 100% Sur 0%				
15	W1/2 SE1/4 NW1/4	17	20.00	Min 100% Sur 0%				
367					150			
15	NE1/4 NE1/4 SE1/4	17	10.00	Min 100% Sur 0%				
15	NW1/4 SE1/4	17	40.00	Min 100% Sur 0%				
15	SE1/4 SE1/4	17	40.00	Min 100% Sur 0%				
15	SW1/4 SE1/4	17	40.00	Min 100% Sur 0%				
15	W1/2 NE1/4 SE1/4	17	20.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-368	N1/2 SE1/4 SW1/4 excepting and reserving unto the State of Michigan an easement for public fishing and rights incident thereto in, over and upon a strip of land 100 feet wide lying 50 feet on each side of, and adjacent to the thread of Susan Creek, insofar as said creek traverses the above described premises.	17	20.00	Min 100% Sur 0%	60			
	NE1/4 SW1/4	17	40.00	Min 100% Sur 0%				
N-369	E1/2 NW1/4 SE1/4 NE1/4	19	5.00	Min 100% Sur 0%	65			
	E1/2 SE1/4 NE1/4	19	20.00	Min 100% Sur 0%				
	N1/2 SW1/4 NE1/4	19	20.00	Min 100% Sur 0%				
	SE1/4 NW1/4 NE1/4	19	10.00	Min 100% Sur 0%				
	SW1/4 SE1/4 NE1/4	19	10.00	Min 100% Sur 0%				
N-370	NE1/4 NE1/4 NW1/4	19	10.00	Min 100% Sur 0%	20			
	SW1/4 NE1/4 NW1/4	19	10.00	Min 100% Sur 0%				
N-371	E1/2 NE1/4 NE1/4 SE1/4	19	5.00	Min 100% Sur 0%	80			
	N1/2 NW1/4 SE1/4	19	20.00	Min 100% Sur 0%				
	N1/2 SW1/4 SE1/4	19	20.00	Min 100% Sur 0%				
	NW1/4 NE1/4 SE1/4	19	10.00	Min 100% Sur 0%				
	SE1/4 NW1/4 SE1/4	19	10.00	Min 100% Sur 0%				
34	W1/2 NE1/4 NE1/4 SE1/4	19	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 NE1/4 SE1/4	19	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 SW1/4 SE1/4	19	5.00	Min 100% Sur 0%				
372 15	W1/2 SE1/4 SW1/4 SW1/4	19	4.96	Min 100% Sur 0%	5			
N-373	E1/2 SE1/4 SE1/4 SW1/4	19	5.00	Min 100% Sur 0%	30			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-373	(Continued)							
	E1/2 SW1/4 SE1/4 SW1/4	19	5.00	Min 100% Sur 0%				
	NW1/4 SE1/4 SW1/4	19	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 SE1/4 SW1/4	19	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 SW1/4	19	5.00	Min 100% Sur 0%				
N-374					105			
	E1/2 NE1/4 SE1/4	20	20.00	Min 100% Sur 0%				
	E1/2 NW1/4 NW1/4 SE1/4	20	5.00	Min 100% Sur 0%				
34	E1/2 SE1/4 SE1/4	20	20.00	Min 100% Sur 0%				
	E1/2 SW1/4 SE1/4	20	20.00	Min 100% Sur 0%				
	S1/2 NW1/4 SE1/4	20	20.00	Min 100% Sur 0%				
	W1/2 SW1/4 SE1/4	20	20.00	Min 100% Sur 0%				
N-375					125			
	E1/2 NE1/4 NW1/4 SW1/4	20	5.00	Min 100% Sur 0%				
	NE1/4 SW1/4	20	40.00	Min 100% Sur 0%				
	NE1/4 SW1/4 SW1/4	20	10.00	Min 100% Sur 0%				
	NW1/4 NW1/4 SW1/4	20	10.00	Min 100% Sur 0%				
	S1/2 NW1/4 SW1/4	20	20.00	Min 100% Sur 0%				
34	S1/2 SW1/4 SW1/4	20	20.00	Min 100% Sur 0%				
	W 15 acres SE1/4 SW1/4	20	15.00	Min 100% Sur 0%				
	W1/2 NW1/4 SW1/4 SW1/4	20	5.00	Min 100% Sur 0%				
N-376					40			
	SW1/4 NE1/4	21	40.00	Min 100% Sur 0%				
N-377					55			
	E1/2 SE1/4 NW1/4	21	20.00	Min 100% Sur 0%				
	*NE1/4 SW1/4 NW1/4	21	10.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-377	(Continued)							
	NW1/4 SE1/4 NW1/4	21	10.00	Min 100% Sur 0%				
	SE1/4 SW1/4 NW1/4	21	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 NW1/4 NW1/4	21	5.00	Min 100% Sur 0%				
N-378					30			
	N1/2 NW1/4 SE1/4	21	20.00	Min 100% Sur 0%				
	SE1/4 NW1/4 SE1/4	21	10.00	Min 100% Sur 0%				
N-379					55			
	E1/2 NE1/4 NW1/4 SW1/4	21	5.00	Min 100% Sur 0%				
	NE1/4 SW1/4	21	40.00	Min 100% Sur 0%				
	SE1/4 NW1/4 SW1/4	21	10.00	Min 100% Sur 0%				
N-380					50			
	E1/2 SE1/4 SE1/4 NE1/4	22	5.00	Min 100% Sur 0%				
	NW1/4 SW1/4 NE1/4	22	10.00	Min 100% Sur 0%				
34	S1/2 NE1/4 NE1/4	22	20.00	Min 100% Sur 0%				
	SW1/4 SW1/4 NE1/4	22	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 NE1/4	22	5.00	Min 100% Sur 0%				
N-381					20			
	E1/2 NE1/4 SW1/4 NW1/4	22	5.00	Min 100% Sur 0%				
	SE1/4 SW1/4 NW1/4	22	10.00	Min 100% Sur 0%				
	W1/2 NW1/4 SW1/4 NW1/4	22	5.00	Min 100% Sur 0%				
N-382					5			
	E1/4 S1/2 SW1/4 SE1/4	22	5.00	Min 100% Sur 0%				
N-383					40			
34	E1/2 NW1/4 SW1/4	22	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4 SW1/4	22	10.00	Min 100% Sur 0%				
34	W1/2 NW1/4 NW1/4 SW1/4	22	5.00	Min 100% Sur 0%				

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-383	(Continued) W1/2 SW1/4 NE1/4 SW1/4	22	5.00	Min 100% Sur 0%				
N-384	S1/2 SW1/4 NE1/4	23	20.00	Min 100% Sur 0%	20			
N-385	NE1/4 SE1/4 SW1/4	23	10.00	Min 100% Sur 0%	60			
	NW1/4 SE1/4 SW1/4	23	10.00	Min 100% Sur 0%				
34	SW1/4 SW1/4	23	40.00	Min 100% Sur 0%				
N-386	NE1/4 SE1/4	24	40.00	Min 100% Sur 0%	160			
	NW1/4 SE1/4	24	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	24	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	24	40.00	Min 100% Sur 0%				
N-387	NE1/4 NE1/4	25	40.00	Min 100% Sur 0%	160			
	NW1/4 NE1/4	25	40.00	Min 100% Sur 0%				
	SE1/4 NE1/4	25	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	25	40.00	Min 100% Sur 0%				
N-388	E1/2 SW1/4 NW1/4	25	20.00	Min 100% Sur 0%	80			
34	NW1/4 NW1/4	25	40.00	Min 100% Sur 0%				
34	W1/2 SW1/4 NW1/4	25	20.00	Min 100% Sur 0%				
N-389	NW1/4 SE1/4	26	40.00	Min 100% Sur 0%	40			
N-390	A strip of land 33 ft. wide along S & W lines of SW1/4 SW1/4 SW1/4	26	0.98	Min 100% Sur 0%	51			
	NW1/4 SW1/4 SW1/4	26	10.00	Min 100% Sur 0%				
34	SE1/4 SW1/4	26	40.00	Min 100% Sur 0%				

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-391					30			
34	E1/2 SW1/4 NE1/4	27	20.00	Min 100% Sur 0%				
	NW1/4 SW1/4 NE1/4	27	10.00	Min 100% Sur 0%				
N-392					25			
	NE1/4 NE1/4 NW1/4	27	10.00	Min 100% Sur 0%				
	NW1/4 NE1/4 NW1/4	27	10.00	Min 100% Sur 0%				
	W1/2 SW1/4 NW1/4 NW1/4	27	5.00	Min 100% Sur 0%				
N-393					15			
	E1/2 NW1/4 NW1/4 SE1/4	27	5.00	Min 100% Sur 0%				
	NW1/4 SW1/4 SE1/4	27	10.00	Min 100% Sur 0%				
N-394					60			
	NW1/4 SW1/4 SW1/4	27	10.00	Min 100% Sur 0%				
	SE1/4 SE1/4 SW1/4	27	10.00	Min 100% Sur 0%				
	SE1/4 SW1/4 SW1/4	27	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 SE1/4 SW1/4	27	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SW1/4	27	20.00	Min 100% Sur 0%				
	W1/2 SW1/4 SW1/4 SW1/4	27	5.00	Min 100% Sur 0%				
N-395					15			
	E1/2 SE1/4 SW1/4 NE1/4	28	5.00	Min 100% Sur 0%				
34	SE1/4 NE1/4 NE1/4	28	10.00	Min 100% Sur 0%				
N-396					15			
34	E1/2 SE1/4 SW1/4 NW1/4	28	5.00	Min 100% Sur 0%				
34	E1/2 SW1/4 SW1/4 NW1/4	28	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 SW1/4 NW1/4	28	5.00	Min 100% Sur 0%				
N-397					85			
34	E1/2 NE1/4 SE1/4 SE1/4	28	5.00	Min 100% Sur 0%				
	N1/2 SW1/4 SE1/4	28	20.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-397	(Continued)							
	NE1/4 NW1/4 SE1/4	28	10.00	Min 100% Sur 0%				
	S1/2 NW1/4 SE1/4	28	20.00	Min 100% Sur 0%				
	SE1/4 NE1/4 SE1/4	28	10.00	Min 100% Sur 0%				
34	SW1/4 SE1/4 SE1/4	28	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 NE1/4 SE1/4	28	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 SE1/4 SE1/4	28	5.00	Min 100% Sur 0%				
N-398	E1/2 N1/2 NE1/4 SW1/4	28	15.00	Min 100% Sur 0%	65			
34	NE1/4 NW1/4 SW1/4	28	10.00	Min 100% Sur 0%				
	S1/2 NE1/4 SW1/4	28	20.00	Min 100% Sur 0%				
34	S1/2 NW1/4 SW1/4	28	20.00	Min 100% Sur 0%				
N-399	N1/2 NE1/4 NE1/4	29	20.00	Min 100% Sur 0%	95			
	N1/2 SW1/4 NE1/4	29	20.00	Min 100% Sur 0%				
	S1/2 NW1/4 NE1/4	29	20.00	Min 100% Sur 0%				
	SE1/4 SW1/4 NE1/4	29	10.00	Min 100% Sur 0%				
	SW1/4 NE1/4 NE1/4	29	10.00	Min 100% Sur 0%				
	SW1/4 SW1/4 NE1/4	29	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 NE1/4 NE1/4	29	5.00	Min 100% Sur 0%				
N-400	E1/2 NE1/4 SE1/4 NW1/4	29	5.00	Min 100% Sur 0%	65			
34	E1/2 SE1/4 SE1/4 NW1/4	29	5.00	Min 100% Sur 0%				
34	NE1/4 SW1/4 NW1/4	29	10.00	Min 100% Sur 0%				
	S1/2 NE1/4 NW1/4	29	20.00	Min 100% Sur 0%				
34	W1/2 SE1/4 SE1/4 NW1/4	29	5.00	Min 100% Sur 0%				

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-400	(Continued) W1/2 SW1/4 NW1/4	29	20.00	Min 100% Sur 0%				
N-401					85			
34	E1/2 E1/2 SW1/4 SE1/4	29	10.00	Min 100% Sur 0%				
34	NE1/4 NW1/4 SE1/4	29	10.00	Min 100% Sur 0%				
	NE1/4 SE1/4	29	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4 SE1/4	29	10.00	Min 100% Sur 0%				
	S1/2 NE1/4 SE1/4 SE1/4	29	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 NW1/4 SE1/4	29	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 SE1/4	29	5.00	Min 100% Sur 0%				
N-402					70			
	E1/2 NW1/4 NE1/4 SW1/4	29	5.00	Min 100% Sur 0%				
	E1/2 SW1/4 SW1/4	29	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4 SW1/4	29	10.00	Min 100% Sur 0%				
	NW1/4 NW1/4 SW1/4	29	10.00	Min 100% Sur 0%				
	S1/2 NW1/4 SW1/4 SW1/4	29	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SW1/4	29	20.00	Min 100% Sur 0%				
N-403					10			
	W1/2 NE1/4 NW1/4 NE1/4	30	5.00	Min 100% Sur 0%				
	W1/2 NW1/4 SE1/4 NE1/4	30	5.00	Min 100% Sur 0%				
N-404					65			
34	E1/2 NW1/4 NW1/4 NW1/4	30	4.95	Min 100% Sur 0%				
	S1/2 SW1/4 NW1/4	30	19.81	Min 100% Sur 0%				
34	SE1/4 NW1/4 NW1/4	30	9.91	Min 100% Sur 0%				
34	SW1/4 NW1/4 NW1/4	30	9.92	Min 100% Sur 0%				
	W1/2 E1/2 SE1/4 NW1/4	30	10.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-404	(Continued)							
	W1/2 NE1/4 SW1/4 NW1/4	30	4.95	Min 100% Sur 0%				
	W1/2 SW1/4 NE1/4 NW1/4	30	5.00	Min 100% Sur 0%				
N-405					60			
34	E1/2 SE1/4 NW1/4 SE1/4	30	5.00	Min 100% Sur 0%				
34	E1/2 SW1/4 SE1/4 SE1/4	30	5.00	Min 100% Sur 0%				
34	NE1/4 NE1/4 SE1/4	30	10.00	Min 100% Sur 0%				
	NE1/4 SE1/4 SE1/4	30	10.00	Min 100% Sur 0%				
	NW1/4 SW1/4 SE1/4	30	10.00	Min 100% Sur 0%				
34	SW1/4 NE1/4 SE1/4	30	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 SW1/4 SE1/4	30	5.00	Min 100% Sur 0%				
34	W1/2 NW1/4 SE1/4 SE1/4	30	5.00	Min 100% Sur 0%				
N-406					60			
34	E1/2 SE1/4 NW1/4 SW1/4	30	4.95	Min 100% Sur 0%				
34	E1/2 SW1/4 NW1/4 SW1/4	30	4.95	Min 100% Sur 0%				
	E1/2 SW1/4 SW1/4 SW1/4	30	4.94	Min 100% Sur 0%				
	SE1/4 SW1/4 SW1/4	30	10.00	Min 100% Sur 0%				
34	SW1/4 NE1/4 SW1/4	30	10.00	Min 100% Sur 0%				
	SW1/4 SE1/4 SW1/4	30	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 SW1/4 SW1/4	30	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 NW1/4 SW1/4	30	4.94	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 SW1/4	30	5.00	Min 100% Sur 0%				
N-407					70			
	E1/2 NW1/4 SE1/4 NE1/4	31	5.00	Min 100% Sur 0%				
	E1/2 SE1/4 NE1/4	31	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4 NE1/4	31	10.00	Min 100% Sur 0%				

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-407	(Continued)							
	NW1/4 NE1/4 NE1/4	31	10.00	Min 100% Sur 0%				
	NW1/4 NW1/4 NE1/4	31	10.00	Min 100% Sur 0%				
	SE1/4 NE1/4 NE1/4	31	10.00	Min 100% Sur 0%				
	W1/2 SW1/4 NW1/4 NE1/4	31	5.00	Min 100% Sur 0%				
N-408					60			
	E1/2 NE1/4 NE1/4 NW1/4	31	5.00	Min 100% Sur 0%				
	E1/2 NE1/4 SE1/4 NW1/4	31	5.00	Min 100% Sur 0%				
	E1/2 SW1/4 NE1/4 NW1/4	31	5.00	Min 100% Sur 0%				
	NE1/4 NW1/4 NW1/4	31	9.89	Min 100% Sur 0%				
	SE1/4 NE1/4 NW1/4	31	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 NE1/4 NW1/4	31	5.00	Min 100% Sur 0%				
	W1/2 NW1/4 NW1/4	31	19.78	Min 100% Sur 0%				
N-409					160			
	NE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	SE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4	31	40.00	Min 100% Sur 0%				
N-410					85			
	E1/2 NE1/4 NW1/4 SW1/4	31	4.98	Min 100% Sur 0%				
	E1/2 NE1/4 SE1/4 SW1/4	31	5.00	Min 100% Sur 0%				
	E1/2 SE1/4 SW1/4 SW1/4	31	4.99	Min 100% Sur 0%				
	NW1/4 SW1/4 SW1/4	31	9.99	Min 100% Sur 0%				
	SW1/4 NE1/4 SW1/4	31	10.00	Min 100% Sur 0%				
	SW1/4 SE1/4 SW1/4	31	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 SW1/4 SW1/4	31	4.99	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-410	(Continued)							
	W1/2 NW1/4 NE1/4 SW1/4	31	5.00	Min 100% Sur 0%				
	W1/2 NW1/4 SW1/4	31	19.91	Min 100% Sur 0%				
	W1/2 SE1/4 NE1/4 SW1/4	31	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 SW1/4 SW1/4	31	4.99	Min 100% Sur 0%				
N-411					95			
34	E1/2 NE1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	E1/2 NW1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	E1/2 SE1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
	E1/2 SE1/4 SW1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	E1/2 SW1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	N1/2 NW1/4 NE1/4	32	20.00	Min 100% Sur 0%				
	NE1/4 SW1/4 NE1/4	32	10.00	Min 100% Sur 0%				
34	SE1/4 NE1/4 NE1/4	32	10.00	Min 100% Sur 0%				
34	SW1/4 NW1/4 NE1/4	32	10.00	Min 100% Sur 0%				
34	W1/2 NE1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	W1/2 NW1/4 NE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
34	W1/2 NW1/4 SE1/4 NE1/4	32	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 SW1/4 NE1/4	32	5.00	Min 100% Sur 0%				
N-412					120			
	E1/2 NE1/4 NW1/4	32	20.00	Min 100% Sur 0%				
34	E1/2 SE1/4 SE1/4 NW1/4	32	5.00	Min 100% Sur 0%				
	E1/2 SW1/4 NE1/4 NW1/4	32	5.00	Min 100% Sur 0%				
34	NW1/4 NW1/4	32	40.00	Min 100% Sur 0%				
34	NW1/4 SE1/4 NW1/4	32	10.00	Min 100% Sur 0%				
	SW1/4 NW1/4	32	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-413					100			
	E1/2 NE1/4 NW1/4 SE1/4	32	5.00	Min 100% Sur 0%				
	E1/2 NW1/4 SE1/4 SE1/4	32	5.00	Min 100% Sur 0%				
	*E1/2 SE1/4 NW1/4 SE1/4	32	5.00	Min 100% Sur 100%				
	E3/4 S1/2 SE1/4 SE1/4	32	15.00	Min 100% Sur 0%				
	N1/2 NE1/4 SE1/4	32	20.00	Min 100% Sur 0%				
	NE1/4 SE1/4 SE1/4	32	10.00	Min 100% Sur 0%				
	NE1/4 SW1/4 SE1/4	32	10.00	Min 100% Sur 0%				
	SE1/4 NE1/4 SE1/4	32	10.00	Min 100% Sur 0%				
	SW1/4 NE1/4 SE1/4	32	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 NW1/4 SE1/4	32	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 NW1/4 SE1/4	32	5.00	Min 100% Sur 0%				
N-414					130			
	NW1/4 SE1/4 SW1/4	32	10.00	Min 100% Sur 0%				
34	NW1/4 SW1/4	32	40.00	Min 100% Sur 0%				
	SW1/4 SE1/4 SW1/4	32	10.00	Min 100% Sur 0%				
34	SW1/4 SW1/4	32	40.00	Min 100% Sur 0%				
	W1/2 NE1/4 SE1/4 SW1/4	32	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 NE1/4 SW1/4	32	5.00	Min 100% Sur 0%				
34	W1/2 SW1/4 NE1/4 SW1/4	32	5.00	Min 100% Sur 0%				
34	W3/4 N1/2 NE1/4 SW1/4	32	15.00	Min 100% Sur 0%				
N-415					70			
34	NE1/4 NE1/4 NE1/4	33	10.00	Min 100% Sur 0%				
	NE1/4 NW1/4 NE1/4	33	10.00	Min 100% Sur 0%				
	NE1/4 SE1/4 NE1/4	33	10.00	Min 100% Sur 0%				
	S1/2 SE1/4 NE1/4	33	20.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-415	(Continued)							
	SE1/4 SW1/4 NE1/4	33	10.00	Min 100% Sur 0%				
	W1/2 W1/2 NW1/4 NE1/4	33	10.00	Min 100% Sur 0%				
N-416					85			
	E1/2 NE1/4 SE1/4 NW1/4	33	5.00	Min 100% Sur 0%				
34	E1/2 NW1/4 SW1/4 NW1/4	33	5.00	Min 100% Sur 0%				
34	E1/2 SE1/4 NW1/4 NW1/4	33	5.00	Min 100% Sur 0%				
34	E1/2 SE1/4 SW1/4 NW1/4	33	5.00	Min 100% Sur 0%				
34	NE1/4 NW1/4 NW1/4	33	10.00	Min 100% Sur 0%				
	NW1/4 SE1/4 NW1/4	33	10.00	Min 100% Sur 0%				
	SE1/4 NE1/4 NW1/4	33	10.00	Min 100% Sur 0%				
	W1/2 NE1/4 NW1/4	33	20.00	Min 100% Sur 0%				
34	W1/2 NE1/4 SW1/4 NW1/4	33	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 NW1/4	33	5.00	Min 100% Sur 0%				
34	W1/2 SE1/4 SW1/4 NW1/4	33	5.00	Min 100% Sur 0%				
N-417					25			
	E1/2 SW1/4 NW1/4 SE1/4	33	5.00	Min 100% Sur 0%				
	NW1/4 SE1/4 SE1/4	33	10.00	Min 100% Sur 0%				
	W1/2 SE1/4 SW1/4 SE1/4	33	5.00	Min 100% Sur 0%				
	W1/2 SW1/4 SW1/4 SE1/4	33	5.00	Min 100% Sur 0%				
N-418					60			
34	E1/2 NW1/4 NW1/4 SW1/4	33	5.00	Min 100% Sur 0%				
	N1/2 SW1/4 SW1/4	33	20.00	Min 100% Sur 0%				
	NE1/4 NE1/4 SW1/4	33	10.00	Min 100% Sur 0%				
	NW1/4 SE1/4 SW1/4	33	10.00	Min 100% Sur 0%				
	W1/2 NW1/4 NE1/4 SW1/4	33	5.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T13N R16W								
N-418	(Continued)							
	W1/2 SE1/4 NE1/4 SW1/4	33	5.00	Min 100% Sur 0%				
	W1/2 SE1/4 SE1/4 SW1/4	33	5.00	Min 100% Sur 0%				
N-419	E1/2 SW1/4 NW1/4 NE1/4	34	5.00	Min 100% Sur 0%	5			
N-420					50			
34	N1/2 NW1/4 NW1/4	34	20.00	Min 100% Sur 0%				
	NW1/4 NE1/4 NW1/4	34	10.00	Min 100% Sur 0%				
34	SE1/4 NW1/4 NW1/4	34	10.00	Min 100% Sur 0%				
	SW1/4 SE1/4 NW1/4	34	10.00	Min 100% Sur 0%				
Oceana County								
T14N R15W								
N-421	SE1/4 NE1/4 ex E 1 rod	4	39.50	Min 100% Sur 0%	40			
422	NE1/4 SE1/4 exc 1 rod	4	39.50	Min 100% Sur 0%	40			
1 15 16								
N-423	SE1/4 SE1/4	7	40.00	Min 100% Sur 0%	40			
N-424	E1/2 NW1/4 NE1/4	8	20.00	Min 100% Sur 0%	60			
	NE1/4 NE1/4	8	40.00	Min 100% Sur 0%				
N-425	NE1/4 NW1/4	8	40.00	Min 100% Sur 0%	80			
	SE1/4 NW1/4	8	40.00	Min 100% Sur 0%				
N-426	NE1/4 SW1/4	8	40.00	Min 100% Sur 0%	75			
	SE1/4 SW1/4 ex N1/2 NW1/4 of SE1/4 SW1/4	8	35.00	Min 100% Sur 0%				
N-427	NE1/4 NE1/4	9	40.00	Min 100% Sur 0%	40			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R15W								
N-428	NW1/4 NW1/4	10	40.00	Min 100% Sur 0%	80			
	SW1/4 NW1/4	10	40.00	Min 100% Sur 0%				
N-429	*Com 2 rds S of NE cor of SW1/4 of NE 1/4 th S 20 rd, W 8 rds, N 20 rds, E 8 rds to beg.	11	1.00	Min 100% Sur 0%	1			
N-430	A part of land comm. 96 rods W & 233 ft. S of NE corner of section running South 50 ft., West 425 Ft. to water edge, North 50 ft., East 425 ft. to beginning in Lot 6.	12	0.50	Min 100% Sur 0%	11			
	Lot comm. 96 rods W and 283 ft. S of NE corner of section, thence S 50 ft., W 325 ft. to water edge, North 50 ft., East 325 ft. to beginning in Lot 6.	12	0.38	Min 100% Sur 0%				
	SW1/4 SE1/4 NE1/4 (part of Govt Lot 5)	12	10.00	Min 100% Sur 0%				
N-431	Comm at SW cor of SE1/4 NW1/4, Sec 12, th running E 14 rods, th to low water mark of McLaren Lake, th West 14 rods along said lake shore, th South to point of beginning.	12	2.50	Min 100% Sur 100%	3			
N-432	NW1/4 NW1/4	14	40.00	Min 100% Sur 0%	40			
N-433	SW1/4 SW1/4	14	40.00	Min 100% Sur 0%	40			
N-434	NW1/4 NE1/4	18	40.00	Min 100% Sur 0%	80			
	SE1/4 NE1/4	18	40.00	Min 100% Sur 0%				
435	NW1/4 NE1/4 SE1/4	18	10.00	Min 100% Sur 0%	20			
1 15	SW1/4 NE1/4 SE1/4	18	10.00	Min 100% Sur 0%				
N-436	NE1/4 NW1/4 SE1/4	18	10.00	Min 100% Sur 0%	40			
	SE1/4 NW1/4 SE1/4	18	10.00	Min 100% Sur 0%				
	W1/2 NW 1/4 SE1/4	18	20.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R15W								
N-437					81			
	SE1/4 SW1/4	18	40.00	Min 100% Sur 0%				
	SW1/4 SW1/4	18	40.83	Min 100% Sur 0%				
N-438	S 210 ft of W 210 ft of NW1/4 NE1/4	19	1.00	Min 100% Sur 0%	1			
N-439	*E 10 R of N 16 R of SE1/4 SE1/4	19	1.00	Min 100% Sur 0%	1			
440					6			
15	1/2 acre off S end of W1/2 SW1/4	19	0.50	Min 100% Sur 0%				
15	S 40 rds of E 20 rds of E1/2 SE1/4 SW1/4	19	5.00	Min 100% Sur 0%				
441					40			
1	NW1/4 NW1/4	20	40.00	Min 100% Sur 0%				
15								
442					40			
15	NE1/4 NE1/4	23	40.00	Min 100% Sur 0%				
N-443	NW1/4 NE1/4	23	40.00	Min 100% Sur 0%	40			
N-444	NE1/4 SE1/4	23	40.00	Min 100% Sur 0%	40			
N-445					7			
	Beg 18 rds N and 46 rds W of 1/4 post on E side of Sec, N 8 rds, W 20 rds, S 8 rds, E 20 rds to beg.	25	1.00	Min 100% Sur 0%				
	Comm 37 rds W of a pt 34 rds N of 1/4 post on E side of Sec, W 3 rds, S 4 rds, E 3 rds, N 4 rds to beg.	25	0.08	Min 100% Sur 0%				
	Comm 37 rds W of a pt, 26 rds N of 1/4 post on E side of sec, N 4 rds, W 3 rds S 4 rds, E 3 rds to beg.	25	0.08	Min 100% Sur 0%				
	Comm at a pt 18 rds N of 1/4 post on E side of Sec, N 8 rds, W 40 rds, S 8 rds, E 40 rds to beg.	25	2.00	Min 100% Sur 0%				
	Comm at a pt 26 rds N of 1/4 post on E side of Sec, W 37 rds N 8 rds, E 37 rds, S 8 rds to beg.	25	1.85	Min 100% Sur 0%				
	Lot comm 2 rods N and 2 rods W of 1/4 post on East side of Sec., running N 8 rods, W 5 rods, S 8 rods, E 5 rods to beg.	25	0.25	Min 100% Sur 0%				

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R15W								
N-445	(Continued) Lot comm at a pt 10 rds N and 46 rds W of 1/4 post on E side of Sec, N 8 rds, W 20 rds, S 8 rds, E 20 rds to beg.	25	1.00	Min 100% Sur 0%				
N-446	All on S side of White River in S1/2 SW1/4 EXCEPT the following desc parcel: beg at a pt on the S Sec line of said Sec, said point being S 89d54m30s E 1,529.94 ft from SW corner of Sec, th due N 164.16 ft to beg of a meander traverse along the S side of White River, th S 62d26m58s E 323.88 ft along said traverse to the end of said traverse, th S 6d59m20s W 14.92 ft to S Sec line, th N 89d54m30s W along the S Sec line 285.14 ft to POB; all property lying between the meander traverse and the White River is included in the exception (.59 acres). E 16R of S 20R of N 40R of NE1/4 SW1/4 Part of S1/4 of SW1/4, described as beg at a pt on the S Sec line of said Sec, said pt being S 89d54m30s E 1,529.94 ft from SW corner of Sec, th due N 164.16 ft to beg of a meander traverse along the S side of White River, th S 62d26m58s E 323.88 ft along said traverse to the end of said traverse, th S 6d59m20s W 14.92 ft to S Sec line, th N 89d54m30s W along the S Sec line 285.34 ft to POB. All property lying between the meander traverse and the White River is included; containing approximately .59 acres and subject to easements and restrictions of record.	25 25 25	3.41 2.00 0.59	Min 100% Sur 0% Min 100% Sur 0% Min 100% Sur 0%	6			
N-447	NE1/4 NW1/4	27	40.00	Min 100% Sur 0%	40			
448 15	W1/2 SW1/4 SE1/4	27	20.00	Min 100% Sur 0%	20			
N-449	NW1/4 NE1/4	28	40.00	Min 100% Sur 0%	80			
	SW1/4 NE1/4	28	40.00	Min 100% Sur 0%				
N-450	NW1/4 SW1/4	28	40.00	Min 100% Sur 0%	40			
N-451	NE1/4 SE1/4	29	40.00	Min 100% Sur 0%	80			
	SE1/4 SE1/4	29	40.00	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R15W								
N-452	NE1/4 NE1/4	30	40.00	Min 100% Sur 0%	80			
	NW1/4 NE1/4	30	40.00	Min 100% Sur 0%				
453 1	NW1/4 NE1/4	31	40.00	Min 100% Sur 0%	40			
454 1 3	NE1/4 NW1/4	31	40.00	Min 100% Sur 0%	40			
N-455	*SE1/4 NW1/4 & W 16.5 feet of NE1/4 NW1/4	33	40.50	Min 100% Sur 100%	41			
N-456	Land situated in the Township of Newfield, County of Oceana, State of Michigan, described as follows: That part of the Southwest ¼ of the Southwest ¼ of Section 35, Township 14 North, Range 15 West, Newfield Township, Oceana County, Michigan, described as beginning at a point on the West line of said section, said point being N00d42'57"E 445.00 ft. from the Southwest corner of said section; thence N00d42'57"E along said section line 904.86 ft. to the South 1/8th line of said section; thence S89d08'55"E along said 1/8th line 1298.58 ft. to the West 1/8th line of said section; thence S00d50'05"W along said 1/8th line 500.00 ft. to a meander traverse line; thence S81d06'49"W along said meander traverse line 345.16 ft.; thence S16d15'07"W 107.32 ft.; thence S16d22'00"E 125.00 ft.; thence leaving said meander traverse line S71d47'47"W 91.00 ft. (recorded as S71d28W 106.00 ft.); thence S18d13'37"W 383.60 ft. (recorded as S18d13'20"W); thence S00d15'57"W 165.00 ft. (recorded as S00d15'40"W) to the South line of said section; thence N89d44'03"W (recorded as N89d44'20"W) 213.00 ft; thence N00d42'57"E parallel with the West line of said section 445.00 ft.; thence N89d44'03"W parallel with the South line of said section 552.02 ft. to the point of beginning. Subject to a 66 ft. easement for ingress and egress recorded in Instrument No. 763793. (Tax Parcel Number: 64-014-035-300-06)	35	26.10	Min 100% Sur 100%	27			
N-457	Lot commencing at Southeast corner of NW1/4 of NE1/4, running North 24 rods, West 18 rods, South 24 rods, East 18 rods to beginning, EXCEPT Lot in SE corner of NW1/4 of NE1/4, running 10 rods East and West, and 16 rods North and South, Sec 36.	36	1.70	Min 100% Sur 100%	2			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R15W								
N-458	Parcel on N side of White River in NW1/4 NW1/4 in Oxbow	36	3.00	Min 100% Sur 0%	3			
Oceana County								
T14N R16W								
459 15	N1/4 SE1/4 NE1/4	13	10.00	Min 100% Sur 0%	50			
1 15 16	NW1/4 NE1/4	13	40.00	Min 100% Sur 0%				
N-460	SW1/4 NE1/4	13	40.00	Min 100% Sur 0%	40			
461 15	SW1/4 SE1/4	25	40.00	Min 100% Sur 0%	40			
462 15	E1/2 SE1/4 SW1/4	25	20.00	Min 100% Sur 0%	20			
N-463	SW1/4 NE1/4	26	40.00	Min 100% Sur 0%	40			
N-464	SE1/4 NW1/4	26	40.00	Min 100% Sur 0%	40			
N-465	NW1/4 SE1/4	26	40.00	Min 100% Sur 0%	40			
N-466	A parcel of land desc as comm at SW cor NE1/4 SW1/4, th N along W 1/8 line 457.37 ft, th S 39d13'16" E 606.23 ft to S 1/8 line 391.86 ft to pt of beg	26	2.06	Min 100% Sur 0%	80			
	NE1/4 SW1/4 EXCEPT a parcel of land desc as comm at SW cor NE1/4 SW1/4, th N along W1/8 line 457.37 ft, th S 39d13m16s E 606.23 ft to S1/8 line, th W along S1/8 line 391.86 ft to POB	26	37.94	Min 100% Sur 0%				
	SW1/4 SW1/4	26	40.00	Min 100% Sur 0%				
N-467	E1/2 NW1/4 SE1/4	31	20.00	Min 100% Sur 0%	60			
	SE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
N-468	E1/2 SW1/4 SE1/4	32	20.00	Min 100% Sur 0%	20			

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County								
T14N R16W								
N-469					40			
35	SE1/4 NW1/4	34	40.00	Min 100% Sur 0%				
N-470					80			
	NE1/4 SW1/4	34	40.00	Min 100% Sur 0%				
	NW1/4 SW1/4	34	40.00	Min 100% Sur 0%				
471					40			
1	E1/2 NW1/4 NE1/4	36	20.00	Min 100% Sur 0%				
3								
15								
16								
1	E1/2 SW1/4 NE1/4	36	20.00	Min 100% Sur 0%				
3								
15								
16								

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T21N R02E								
N-472					2			
	*Bobeck's Plat of Lake George, LOT 10	18	0.32	Min 100% Sur 0%				
	*Bobeck's Plat of Lake George, LOT 17	18	0.28	Min 100% Sur 0%				
	*Bobeck's Plat of Lake George, LOT 25	18	0.23	Min 100% Sur 0%				
	*Bobeck's Plat of Lake George, Lot 33 ex N'LY 30 ft	18	0.35	Min 100% Sur 0%				
	*Bobeck's Plat of Lake George, LOT 43	18	0.15	Min 100% Sur 0%				
	*Bobeck's Plat of Lake George, LOT 44	18	0.14	Min 100% Sur 0%				
Ogemaw County								
T21N R03E								
473 15 49	SW1/4 SE1/4	26	40.00	Min 100% Sur 0%	40			
N-474	NW1/4 SE1/4	26	40.00	Min 100% Sur 0%	40			
Ogemaw County								
T23N R03E								
N-475					2			
	Original Plat of Rose City, Block: 07, LOT 14, 15	6	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 07, N1/2 of Lots 17, 18, 19 & 20	6	0.26	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 08, LOT 1	6	0.25	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 08, LOT 2	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 08, LOT 20	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 08, LOT 3	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 08, LOT 4	6	0.12	Min 100% Sur 0%				
N-476					9			
	Original Plat of Rose City, Block: 09, E 9 feet of Lot 5	6	0.01	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 09, LOT 17	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 09, LOT 18	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 09, LOT 4	6	0.12	Min 100% Sur 0%				

Mineral Auction Catalog

Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T23N R03E								
N-476	(Continued)							
	Original Plat of Rose City, Block: 09, LOT 8, 9	6	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 09, N1/2 of Lots 19, 20 & 21	6	0.18	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 09, W 21 feet of Lot 5	6	0.08	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 10	6	0.25	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 11	6	0.25	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 12	6	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 13, 14	6	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 5, 6, 7	6	0.36	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, LOT 8, 9	6	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 11, West 1/2 of Lot 3 & Lot 4	6	0.18	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 13, LOT 6, 7, 8, 9, 10, 11, 12, 13	6	2.18	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 17, LOT 6, 7, 8, 9, 10, 11, 12, 13	6	2.18	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 18, LOT 5	6	0.36	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 21, Lot 4 & E1/2 of Lot 5	6	0.41	Min 100% Sur 0%				
	Original Plat of Rose City, E 255 ft of Block A	6	0.32	Min 100% Sur 0%				
	*Original Plat of Rose City, Lots 17 & 18 Blk 13	6	0.61	Min 100% Sur 0%				
Ogemaw County								
T23N R04E								
N-477					4			
	Rifle Lake Park, LOT 111, 112	5	0.44	Min 100% Sur 0%				
	Rifle Lake Park, LOT 114, 115	5	0.44	Min 100% Sur 0%				
	Rifle Lake Park, LOT 116, 117	5	0.44	Min 100% Sur 0%				
	Rifle Lake Park, LOT 118	5	0.22	Min 100% Sur 0%				
	Rifle Lake Park, LOT 119	5	0.22	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T23N R04E								
N-477	(Continued)							
	Rifle Lake Park, LOT 122	5	0.22	Min 100% Sur 0%				
	Rifle Lake Park, LOT 123	5	0.22	Min 100% Sur 0%				
	Rifle Lake Park, LOT 126	5	0.22	Min 100% Sur 0%				
	Rifle Lake Park, LOT 129, 130, 131, 132, 133	5	1.00	Min 100% Sur 0%				
	Rifle Lake Park, LOT 135, 136	5	0.44	Min 100% Sur 0%				
N-478					4			
	Rifle Lake Park, LOT 33	5	0.10	Min 100% Sur 0%				
	Rifle Lake Park, LOT 4	5	0.16	Min 100% Sur 0%				
	Rifle Lake Park, LOT 44	5	0.19	Min 100% Sur 0%				
	Rifle Lake Park, LOT 63	5	0.16	Min 100% Sur 0%				
	Rifle Lake Park, LOT 75	5	0.25	Min 100% Sur 0%				
	Rifle Lake Park, LOT 76, 77	5	0.42	Min 100% Sur 0%				
	Rifle Lake Park, LOT 80	5	0.18	Min 100% Sur 0%				
	Rifle Lake Park, LOT 83, 84	5	0.39	Min 100% Sur 0%				
	Rifle Lake Park, LOT 88, 89, 90	5	0.40	Min 100% Sur 0%				
	Rifle Lake Park, LOT 97, 98	5	0.45	Min 100% Sur 0%				
	Rifle Lake Park, LOT 99	5	0.31	Min 100% Sur 0%				
N-479					2			
	Shady Shores Park, Block: G, LOT 17	8	0.15	Min 100% Sur 0%				
	Shady Shores Park, Block: G, LOT 20	8	0.15	Min 100% Sur 0%				
	Shady Shores Park, Block: G, LOT 42	8	0.15	Min 100% Sur 0%				
	Shady Shores Park, Block: G, N 50 ft of Lot 24	8	0.05	Min 100% Sur 0%				
	*Shady Shores Park, Block: H, LOT 32	8	0.15	Min 100% Sur 0%				
	Shady Shores Park, Block: I, LOT 21	8	0.24	Min 100% Sur 0%				
	Shady Shores Park, Block: J, LOT 5	8	0.16	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T23N R04E								
N-479	(Continued)							
	*Shady Shores Park, Block: K, LOT 10	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: K, LOT 5	8	0.16	Min 100% Sur 0%				
	*Shady Shores Park, Block: K, LOT 9	8	0.16	Min 100% Sur 0%				
N-480					3			
	*Shady Shores Park, Block: B, LOT 12	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: C, LOT 2	8	0.19	Min 100% Sur 0%				
	Shady Shores Park, Block: D, LOT 18	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: D, LOT 48, 49	8	0.32	Min 100% Sur 0%				
	*Shady Shores Park, Block: E, LOT 13	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: E, LOT 27	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: E, LOT 44	8	0.16	Min 100% Sur 0%				
	Shady Shores Park, Block: F, LOT 2	8	0.25	Min 100% Sur 0%				
	Shady Shores Park, Block: F, LOT 20	8	0.16	Min 100% Sur 0%				
	George Lake Park, LOT 1, 2, 3	8	0.36	Min 100% Sur 100%				
	George Lake Park, LOT 20	8	0.12	Min 100% Sur 0%				
	*Shady Shores Park, LOT 24 BLK E	8	0.16	Min 100% Sur 0%				
	*Shady Shores Park, LOT 29 BLK D	8	0.16	Min 100% Sur 0%				
	George Lake Park, Lot 4 & E'ly 30 ft of Lot 5	8	0.15	Min 100% Sur 100%				
N-481					1			
	*Sup. Plat of Dyers Landing, Lot 1 exc com at NW cor th E 169 ft S to NE cor Lot 2 th N & W along N In Lot 2 to NW cor Lot 2 th N'ly along W side Lot 1 to POB	8	0.94	Min 100% Sur 0%				
N-482					3			
	*Sup. Plat of Dyers Landing, 1/8 Undivided interest in Lot 29	8	0.14	Min 100% Sur 0%				
	*E 300 ft of W 600 ft of S 300 ft of Govt Lot 8	8	2.07	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T24N R03E								
N-483	Trim & McGregor's Addition, Block: 02, LOT 2	31	0.24	Min 100% Sur 0%	1			
	Trim & McGregor's Addition, Block: 02, LOT 7	31	0.24	Min 100% Sur 0%				
N-484	Original Plat of Rose City, Block: 02, LOT 6	31	0.21	Min 100% Sur 0%	4			
	Original Plat of Rose City, Block: 02, LOT 7, 8, 9	31	0.62	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 03, East 1/2 of Lot 14	31	0.06	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 03, LOT 15, 16	31	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, East 1/2 of Lot 14	31	0.06	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, LOT 10, 11, 12, 4, 5, 6, 7, 8, 9	31	1.21	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, LOT 13	31	0.25	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, LOT 15, 16	31	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, LOT 18	31	0.12	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, LOT 20, 21	31	0.24	Min 100% Sur 0%				
	Original Plat of Rose City, Block: 06, West 1/2 of Lot 14	31	0.06	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Oscoda County T28N R01E							
N-485	That part of Fr1 SE1/4 SE1/4 lying S and E of Tee Lake	3	3.12	Min 100% Sur 100%	4			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Otsego County								
T30N R03W								
N-486	Part Lot 2 desc as comm at N 1/4 cor said Sec 20, th S 0d35' W 1,321.80 ft along N-S 1/4 line to NW cor Govt Lot 2, th S 89d31' E 797.50 ft to pt of beg, th S 89d31' E 483.21 ft, th S 34d01'45" W 612.09 ft, th N 89d31' W 286.14 ft th N 2d13'45" E 190.34 ft, th N 23d25' E 347.33 ft to pt of beg	20	4.78	Min 100% Sur 100%	5			

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Wexford County								
T24N R11W								
487					30			
15	A parcel of land beginning 66 feet South of Southeast corner of Lot 262, First Addition, thence South 39 feet West 229 feet North 39 feet, East 229 feet to beginning	6	0.21	Min 100% Sur 0%				
15	Commencing 40 rods South of Northeast corner of SE1/4 South 40 rods, West 80 rods, North 64 rods, East. 10 rods North 16 rods to street line East 30 rods, South 40 rods, East 40 rods to beginning	6	29.00	Min 100% Sur 0%				
Wexford County								
T24N R12W								
488					80			
15	NW1/4 SE1/4 exc com at cen of sec. E alg E/W 1/4 ln 412.5 ft, S 54d02'34" W 495 ft to N/S 1/4 ln, th N alg sd 1/4 ln 330 ft to pob. Subject to existing easements.	6	38.44	Min 100% Sur 100%				
15	Part of NW1/4 SE1/4 com at cen of sec. E alg E/W 1/4 ln 412.5 ft, S 54d02'34" W 495 ft to N/S 1/4 ln, th N alg sd 1/4 ln 330 ft to pob.	6	1.56	Min 100% Sur 0%				
15	SW1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%				
489					40			
15 20	NE1/4 SW1/4 except commencing at center of sec., th W along E/W 1/4 line 165 ft, th S 54d02'34" W 1419 ft to W 1/8 line, th S along said 1/8 line 462 ft to S 1/8 line, th E along 1/8 line 33 ft, th N 54d02'34" E 1605.5 ft to N/S 1/4 line, th N on said 1/4 line to pob Subject to existing easements.	6	29.89	Min 100% Sur 100%				
15	Part of NE1/4 SW1/4 commencing at center of sec. th W along E/W 1/4 line 165 ft, th S 54d02'34" W 1419 ft to W 1/8 line, th S along said 1/8 line 462 ft to S 1/8 line, th E along 1/8 line 33 ft, th N 54d02'34" E 1605.5 ft to N/S 1/4 line, th N on said 1/4 line to pob	6	10.11	Min 100% Sur 0%				
N-490					80			
	NW1/4 SW1/4 except at SW corner of sec. N 00d58'20" E 778.74 ft, th N 54d02'34" E 945.75 ft to the S 1/8 line and pob, N 54d02'34" E 609 ft to W 1/8 line, S along said 1/8 line 462 ft, th W along S 1/8 line 462 ft, th W along S 1/8 line 534.85 ft to pob Subject to existing easements.	6	37.01	Min 100% Sur 100%				
	Part of NW1/4 SW1/4 commencing at SW corner of sec. N 00d58'20" E 778.74 ft, th N 54d02'34" E 945.75 ft to the S 1/8 line and pob, N 54d02'34" E 609 ft to W 1/8 line, S along said 1/8 line 462 ft along S 1/8 line 534.85 ft to pob	6	2.84	Min 100% Sur 0%				

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Oil And Gas Lease Auction Thursday May 9, 2013

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Wexford County								
T24N R12W								
N-490	(Continued)							
	Part of SE1/4 SW1/4 commencing at center of SW1/4, th E along S 1/8 line 33 feet, S 54d 02' 34" W 50.21 feet to W 1/8 line, N along said 1/8 line 20.83 feet to point of beginning	6	0.01	Min 100% Sur 0%				
	SE1/4 SW1/4 except commencing at center of SW1/4, th E along S 1/8 line 33 feet, S 54d02'34" W 50.21 feet to W 1/8 line, N along said 1/8 line 20.83 feet to point of beginningSubject to existing easements.	6	39.99	Min 100% Sur 100%				
491					80			
15	NE1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
15	SE1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
N-492					80			
	NW1/4 NE1/4	7	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	7	40.00	Min 100% Sur 100%				
N-493					161			
	NE1/4 NW1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
	NW1/4 NW1/4 Subject to existing easements.	7	40.15	Min 100% Sur 100%				
	SE1/4 NW1/4	7	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	7	40.11	Min 100% Sur 100%				
494					120			
15	NE1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
15	NW1/4 SE1/4	7	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
N-495					40			
	SW1/4 SE1/4	7	40.00	Min 100% Sur 100%				
N-496					80			
	NE1/4 SW1/4	7	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	7	40.00	Min 100% Sur 100%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Wexford County								
T24N R12W								
N-497	That part of of the following description lying within the NE/NE, Section 17, T24N, R12W: E1/3 E5/8 NE1/4	17	16.66	Min 100% Sur 0%	34			
	That part of of the following description lying within the NE/NE, Section 17, T24N, R12W: W1/2 E2/3 E5/8 NE1/4	17	16.67	Min 100% Sur 0%				

MICHIGAN DEPARTMENT OF NATURAL RESOURCES MISSION STATEMENT

"The Michigan Department of Natural Resources is committed to the conservation, protection, management, use and enjoyment of the State's natural and cultural resources for current and future generations."

NATURAL RESOURCES COMMISSION STATEMENT

The Natural Resources Commission, as the governing body for the Michigan Department of Natural Resources, provides a strategic framework for the DNR to effectively manage your resources. The NRC holds monthly, public meetings throughout Michigan, working closely with its constituencies in establishing and improving natural resources management policy.

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For information or assistance on this publication, contact the Ms. Kimberly Venne, Minerals Management Section, Michigan Department of Natural Resources, PO Box 30452, Lansing MI 48909-7952.

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