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# STATE OF MICHIGAN OIL AND GAS LEASE AUCTION

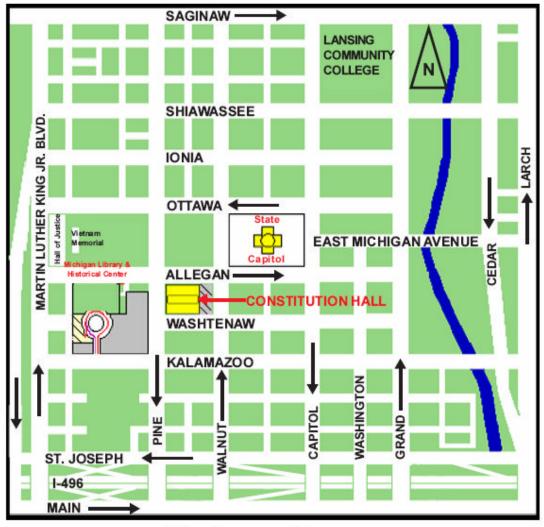
## Auction Location: CONSTITUTION HALL 525 WEST ALLEGAN LANSING, MICHIGAN

BIDDER REGISTRATION BEGINS AT 8:00 AM In the Brake Room, lower level **Tuesday, October 27, 2009** 

AUCTION BEGINS AT 9:00 AM In Con Con A & Con Con B, lower level

> Michigan Department of Natural Resources Forest, Mineral and Fire Management

#### THE STATE OF MICHIGAN OIL AND GAS LEASE AUCTION WILL BE HELD AT THE MICHIGAN CONSTITUTION HALL 525 WEST ALLEGAN, LANSING, MICHIGAN Lower Level, South Wing, Brake Room, Con Con A and Con Con B



#### CONSTITUTION HALL

Exit I-496 at M.L. King Blvd. Turn onto northbound M.L. King Blvd. Turn right onto Allegan Street. Constitution Hall will be on your right (between Pine Street and Walnut Street).

Public parking is available in a lot east of and adjacent to Constitution Hall and is accessible from Allegan and Washtenaw Streets. Additional public parking is located south of the Michigan Library & Historical Center and at meters on streets in the vicinity. All visitors must enter the building through the east doors. Uniformed security personnel check the identification of all people entering the building.

#### **OIL AND GAS LEASE AUCTION GUIDELINES**

A State of Michigan Oil and Gas Lease Auction, offering the herein-described parcels is scheduled for **Tuesday, October 27, 2009,** at the Michigan Constitution Hall located at 525 West Allegan Street, Lansing, Michigan, Lower Level, South Wing, Brake Room, Con Con A and Con Con B.

Please note additions or deletions in this auction catalog may occur as a result of public noticing, Natural Resources Commission (NRC) action, 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 Department of Natural Resources (Department) or the NRC. The Department reserves the right to reject any and all bids.

**REGISTRATION OF BIDDERS: Begins at 8:00 a.m.** A driver's license or state I.D. must be presented in order to receive a bidder number. Return your bidder card after all of your bidding is complete.

**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. Successful bidders may be required to submit the following information:

- If an Individual, proof of attainment of legal age.
- If a copartnership, 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 of Labor and Economic Growth, Corporation Division, P.O. Box 30054, Lansing, Michigan 48909-7554 (517-241-6470) or <u>http://www.michigan.gov/dleg</u>.

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 **\$13.00 per acre** (which includes a \$3.00 per acre audit fee), or fraction thereof, and is based on the "Bid Acres" specified. Additionally, at the auction's end and at the option of the Department, parcels not bid-in at \$13.00 per acre, may be re-offered at a minimum bid of \$5.00 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 Department 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 April 27, 2010, a lease will not be issued and the Department 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.

#### **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, Michigan 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.

#### **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 total bonus bid must be paid on the same day as the lease rights are bin on.

Bidders who do not have an established credit rating with the Department through prior leasing of Stateowned minerals shall pay not less than one-half of the total bonus bid by cash, certified check, or money order. Bidders may establish a credit by filing three references acceptable to the Forest, Mineral and Fire Management (address shown below), one of which must be from 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. All remittances shall be made payable to: "State of Michigan". **NOTE:** In no instance will the Department accept "sight drafts" even if noted as a "zero-day sight draft."

**BOND**: The successful bidders must be prepared to file with Forest, Mineral and Fire Management, a blanket oil and gas lease performance bond in accordance with the following bond schedule:

Amount of Bond	Maximum Acres
\$10,000	0-5,000
\$25,000	5,001-10,000
\$50,000	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 at the time the acreage is bid-in. In addition, successful bidders will have the option to pay rentals for additional year(s) up to the entire five-year initial term. This option may be used for any or all of the leases bid-in 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 Forest, Mineral and Fire Management (address shown below).

FOREST, MINERAL AND FIRE MANAGEMENT MICHIGAN DEPARTMENT OF NATURAL RESOURCES PO BOX 30452 LANSING MI 48909-7952 517-373-7663 http://www.michigan.gov/dnr

## Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
5	Military 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 Affairs and State Military Board to coordinate activities.
8	Including Riparian Rights	Including riparian rights adjacent thereto.
10	Time Restriction	All other provisions of this lease notwithstanding, it is understood that from February 1 through August 31 of each year that only exploration and development activities specifically approved in writing by the Lessor's representative(s) will be allowed on this leased acreage.
11	Pigeon River Country State Forest	This parcel is located within the boundaries of the Pigeon River Country State Forest and is subject to a management plan.
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, unless the Lessor reasonably determines that production on adjacent land creates the probability of drainage of oil and/or gas from State mineral land. 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 oil and gas operations in the area, and applicable regulatory requirements. The Lessee may not drill any well on the leased premises without first obtaining a surface use agreement from the Lessor. Approval shall be based on the foregoing criteria, and said approval shall not be unreasonably withheld.
16	Threatened and Endangered Species Habitat	All other provisions of this lease not withstanding, it is understood that no exploration or development work shall be conducted on this parcel without specific authorization from the Natural Heritage Program, Department of Natural Resources, Wildlife Division. No operations shall be conducted until written instructions for the proper protection of any and all special natural features are issued by the Endangered Species Coordinator.
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 the written consent of the Lessor.
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.
24	Jordan River Valley Management Area	Parcel lies within the area known on State of Michigan, Department of Natural Resources records as the Jordan River Valley Management Area.
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 with 300 feet of known (or possible) protected raptor nests at any time and no activity is allowed within <sup>1</sup> / <sub>4</sub> mile during the nesting season, February 1 to August 31. Exploration and development activities must be approved, in writing, by the Lessor's District Wildlife Biologist.
34	Nondevelopment Species Habitat	This parcel is classified as nondevelopment due to the presence of threatened or endangered species at time of leasing.
35	History, Arts and Libraries concern	The Department of History, Arts and Libraries has specific concerns relative to this parcel.

## Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
36	Michigan State Police Tower Site Network	The Michigan State Police or its successors or assigns (MSP) may use all or part of the surface of the land described in this Lease to construct, operate & access a radio tower & related facilities as part of a communications system. All other provisions of this Lease notwithstanding, the Lessee is prohibited from conducting any exploration activities, drilling any well, laying any pipeline, or otherwise making any use whatsoever of the surface of the land described in this Lease without obtaining the prior written consent of the Lessor and MSP. The term "surface" is defined to include all that land between the surface of the earth & a depth of 100 feet below the surface of the earth. If the MSP constructs a radio tower & related facilities on the land described in this Lease, the Lessor may, in its sole discretion, consider reclassifying this Lease to "development" provided (A) the Lessee executes & delivers a release of surface rights with respect to that portion of the surface that is used by MSP for its tower & related facilities & (B) MSP consents in writing to such reclassification.
39	Pittman Robertson or Dingell Johnson Funding	Parcel is classified as nondevelopment pursuant to provisions of the funding source used to acquire the land. Federal approval must be obtained before seeking a change in Lease Classification.
49	Best Management Practices	Best Management Practices along wetlands, waterways, or steep slopes.

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Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Alcona County			[			T	
	T27N R07E							
N-1	That part of the following description in the NE 1/4 of the SE 1/4 of Sec. 3, T27N, R7E: Government Lot 3 lying N'ly of the waters of West Branch River.	3	30.01	Min 100% Sur 100%				
	Alcona County T28N R06E						+	
2					102		+	
49	NW1/4 SW1/4	18	30.13	Min 100%				
				Sur 0%				
49	SE1/4 SW1/4	18	40.00	Min 100%				
				Sur 0%				
49	SW1/4 SW1/4	18	31.31	Min 100%				
				Sur _ 0%				
3		00	40.00		40			
	SE1/4 NE1/4	26	40.00	Min 100%				
				Sur 0%	80			
4	NE1/4 NW1/4	26	10.00	Min 100%				
		20	40.00	Sur 0%				
	SE1/4 NW1/4	26	40.00	Min 100%				
		-		Sur 0%				
5		- +	+		160		+	
-	NE1/4 SW1/4	26	40.00	Min 100%				
				Sur 0%				
	NW1/4 SW1/4	26	40.00	Min 100%				
				Sur 0%	,			
	SE1/4 SW1/4	26	40.00	Min 100%				
				Sur 0%				
	SW1/4 SW1/4	26	40.00	Min 100%				
			L	Sur 0%		L	1	L

#### State Of Michigan Department of Natural Resources

## **Mineral Auction Catalog**

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County	;						
	T29N R06W							
N-6	*N 528 ft of E1/2 E1/2 E1/2 NE1/4 NW1/4	29	2.00	Min 100% Sur 0%			-+	
	Antrim County	t	+					
	T31N R08W							
N-7		+	+		5		• 🛉	
IN- 7	A parcel in Govt Lot 1 desc as Comm at a point 42 rods E and 14 rds S of NW cor of Sec 7, th S 20 rds to shore of Torch Lake, th E'ly along shore of said lake 8 rds 5 ft, th N 18 rds, th W 8 rds 5 ft to pl of beg	7	0.96	Min 100% Sur 100%				
	Comm at a pt 53 rds E and 10 rds S of NW cor of said Sec 7 th S 22 rds to shore of Torch Lake, th E'ly along shore of said lake 21 1/2 rds, th N 29 1/2 rds to Sec line, th W along said Sec line 13 rds, th S 10 rds, th W 8 rds to pl of beg, except from said desc a parcel desc as comm 60 rds E of NW cor of said Sec 7, th S 10 rds, th E 4 rds, th N 10 rds, th W 4 rds to pl of beg.	7	3.36	Min 100% Sur 100%				
	Antrim County	1	+					
	T31N R09W							
N-8	Commencing at the SE corner of Lot 4 North 590 feet, West to shore of Grand Traverse Bay for beg., E 1320 ft. to E, N and S 1/8 line of Lot 4, S 57 ft., W to shore of Grand Traverse Bay, N along meander line to beg.	35	1.72	Min 100% Sur 0%				
	Commencing at the SE corner of Lot 4, North 640 feet, West to shore of Grand Traverse Bay, E 450 ft. to beg., E to E, N and S 1/8 line of Lot 4, S 50 ft. W an equal distance to the above N line and parallel with thereto, th. N 50 ft. to beg.	35	0.52	Min 100% Sur 0%				
	Parcel commencing at SE corner of Lot 4, North 590 feet West to shore of Grand Traverse Bay, E 450 ft. to beg., N 50 ft., W 450 ft., S 50 ft., E 450 ft. to beg.	35	0.52	Min 100% Sur 0%				

#### State Of Michigan Department of Natural Resources

## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Branch County							
	T08S R06W							
N-9		1			4		1	
	SE1/4 NE Frac'l 1/4 S of Lake	2	1.80	Min 100%				
				Sur 100%				
	SW1/4 NE Frac'l 1/4 S of Lake	2	1.55	Min 100%				
				Sur 100%				
N-10					81			
	NE1/4 NW Frac'l 1/4 S of Lake	2	2.50	Min 100%				
	NW1/4 NW Frac'l 1/4 S of Lake	2	0.50	Sur 100%				
	NW 1/4 NW FIACT 1/4 S OF Lake	2	2.50	Min 100% Sur 100%				
	SE1/4 NW Frac'l 1/4 S of Lake	2	36.00	Min 100%				
		2	30.00	Sur 100%				
	SW1/4 NW Frac'l 1/4 S of Lake	2	40.00	Min 100%				
				Sur 100%				
N-11		+			154		+	
	NE1/4 SE Frac'l 1/4 S of Lake	2	34.00	Min 100%				
				Sur 100%				
	NW1/4 SE Frac'l 1/4 S of Lake	2	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	2	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	2	40.00	Min 100%				
				Sur 100%			+	
N-12	NE1/4 SW1/4	2	40.00	Min 100%	160			
		2	40.00	Sur 100%				
	NW1/4 SW1/4	2	40.00	Min 100%				
			10.00	Sur 100%				
	SE1/4 SW1/4	2	40.00	Min 100%				
				Sur 100%				
	SW1/4 SW1/4	2	40.00	Min 100%				
				Sur 100%				

Number	Description Charlevoix County	tion	Acres	Equity	Aaraa	N. N. L. Commendiate and the	I D: I	· • · ·
N-13	Charlevoix County				Acres	Number	Bid	Bid
N-13								
N-13	T32N R04W				160			
	NE1/4 NE1/4	9	40.00	Min 100%				
		Ũ	10.00	Sur 100%				
	NW1/4 NE1/4	9	40.00	Min 100%				
				Sur 100%				
	SE1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%				
	Charlevoix County	+						
	T32N R05W				400			
N-14	NE1/4 SE1/4	24	40.00	Min 100%	160			
			+0.00	Sur 100%				
	NW1/4 SE1/4	24	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	24	40.00	Min 100%				
	SW1/4 SE1/4	24	40.00	Sur 100% Min 100%				
		24	40.00	Sur 100%				
N-15					160			
	NE1/4 NE1/4	25	40.00	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	25	40.00	Min 100%				
	SE1/4 NE1/4	25	40.00	Sur 100% Min 100%				
		20	+0.00	Sur 100%				
	SW1/4 NE1/4	25	40.00	Min 100%				
				Sur 100%				
N-16	NE1/4 SE1/4	25	40.00	Min 40000	160			
	INE 1/4 OE 1/4	25	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	25	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	25	40.00	Min 100%				
	SW11/4 SE1/4	05	40.00	Sur 100%				
	SW1/4 SE1/4	25	40.00	Min 100% Sur 100%				
N-17		+	+		120		- +	
	NE1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	34	40.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County							
	T32N R05W							
N-18		00	40.00		160			
	NE1/4 NE1/4	36	40.00	Min 100%				
	NW1/4 NE1/4	36	10.00	Sur 100% Min 100%				
		50	40.00	Sur 100%				
	SE1/4 NE1/4	36	40.00	Min 100%				
	Subject to existing easements.	00	10.00	Sur 100%				
	SW1/4 NE1/4	26	40.00					
	SW 1/4 NE 1/4	36	40.00	Min 100% Sur 100%				
N-19					160		+	
IN- I 9	NE1/4 NW1/4	36	40.00	Min 100%				
		00	+0.00	Sur 100%				
	NW1/4 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-20					160			
	NE1/4 SE1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SE1/4	36	40.00	Min 100%				
				Sur 100%				
	SE1/4 SE1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW¼ of SE¼	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-21	+				160			
17-21	NE1/4 SW1/4	36	40.00	Min 100%				
				Sur 100%				
	NW1/4 SW1/4	36	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	36	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SW1/4	36	40.00	Min 100%				
			10.00	Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County T33N R01E							
N-22		1			120			
	Part of NE 1/4 SE 1/4 lying Easterly of Black	27	15.00	Min 100%				
	River road Subject to existing easements.			Sur 0%				
	Part of NE 1/4 SE 1/4 lying Westerly and South of Black River Road	27	25.00	Min 100%				
	Subject to existing easements.			Sur 0%				
	SE1/4 SE1/4	27	40.00	Min 100%				
	Subject to existing easements.	21	40.00	Sur 0%				
	SW1/4 SE1/4	27	40.00	Min 100%				
N 00				Sur 0%				
N-23	SE1/4 SW1/4	27	40.00	Min 100%	80			
		-'	,0.00	Sur 0%				
	SW1/4 SW1/4	27	40.00	Min 100%				
				Sur 0%				
N-24		- †	+		80		+	
	NW1/4 SW1/4	32	40.00	Min 100%				
				Sur 0%				
	SW1/4 SW1/4	32	40.00	Min 100%				
				Sur 0%				
N-25					120			
	NE1/4 NE1/4	34	40.00	Min 100%				
	SE1/4 NE1/4	34	10.00	Sur 0% Min 100%				
		54	40.00	Sur 0%				
	SW1/4 NE1/4	34	40.00	Min 100%				
				Sur 0%				
N-26					80			
	NE1/4 NW1/4	34	40.00	Min 100%				
				Sur 0%				
	SE1/4 NW1/4	34	40.00	Min 100%				
				Sur 0%			+	
N-27	NE1/4 SE1/4	0.4	40.00	Min 40000	120			
	NE1/4 SE1/4	34	40.00	Min 100% Sur 0%				
	NW1/4 SE1/4	34	40.00	Sur 0% Min 100%				
			-0.00	Sur 0%				
	SW1/4 SE1/4	34	40.00	Min 100%				
				Sur 0%				
	Cheboygan County	- † 1	+				†	
	T33N R03W							
N-28		- † 1	+		160		+	
	NE1/4 NE1/4	25	40.00	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	25	40.00	Min 100%				
				Sur 100%				1

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County				]			
	T33N R03W				]			
N-28	(Continued)				]		[	
	SE1/4 NE1/4	25	40.00	Min 100%	, D			
				Sur 100%				
	SW1/4 NE1/4	25	40.00	Min 100%				
				Sur 100%				
N-29					160			
	NE1/4 NW1/4	25	40.00	Min 100%				
		25	40.00	Sur 100%				
	NW1/4 NW1/4	25	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	25	10.00	Min 1009				
		20	40.00	Sur 100%				
	SW1/4 NW1/4	25	40.00	Min 100%				
				Sur 100%				
N-30		+			80		+	
	NE1/4 SE1/4	25	40.00	Min 100%	, 0			
				Sur 100%	, 0			
	NW1/4 SE1/4	25	40.00	Min 100%	, 0			
				Sur 100%	, 0			
N-31					80			
	NE1/4 SW1/4	25	40.00	Min 100%	, 0			
				Sur 100%				
	NW1/4 SW1/4	25	40.00	Min 100%				
		l	L	Sur 100%	ó 		1	

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County						[	
	T28N R03W							
N-32	[		[		80		[	
	NE1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	6	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Gladwin County T17N R02E							
<b>33</b> 15	SE1/4 NW1/4 except the SE1/4 SE1/4 NW1/4	20	30.00	Min 100% Sur 100%				

#### State Of Michigan Department of Natural Resources

#### **Mineral Auction Catalog**

Oil And Gas Lease Auction Tuesday October 27, 2009

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Grand Traverse County T26N R09W							J
<b>34</b> 15	SE1/4 of SW1/4 EXCEPT the Easterly 33 feet thereof Subject to existing easements.	2	39.00	Min 100% Sur 0%				
15	SW1/4 SW1/4 Subject to existing easements.	2	40.00	Min 100% Sur 100%				
15	The Easterly 33 feet of the SE1/4 of SW1/4 Subject to existing easements.	2	1.00	Min 100% Sur 0%				
35	+		+		80		+	
<b>35</b> 15	SE1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%				
<b>36</b> 15	NE1/4 NE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4	10	40.00	Min 100% Sur 100%				
15	SE1/4 NE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
19	SW1/4 NE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
<b>37</b> 15	NE1/4 SE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4 Subject to existing easements.	10	40.00	Min 100% Sur 100%				
<b>38</b> 15	NE1/4 NW1/4	14	40.00	Min 100%				
15	NW1/4 NW1/4	14	40.00	Sur 100% Min 100% Sur 100%				
	Grand Traverse County T26N R10W						+	
39			+		40		+	
15	SE1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-40	Govt Lot 1 (E1/2 SE1/4) Subject to existing easements.	1	39.60	Min 100% Sur 100%			+	
	Grand Traverse County T26N R12W		+				+	
N-41	SE1/4 SW1/4	5	40.00	Min 100% Sur 100%			+	

\* = Attorney Title Opinion Required. See Oil and Gas Lease Auction Guidelines.

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Grand Traverse County T26N R12W							
N-41	(Continued) SW1/4 SW1/4	5	40.00	Min 100% Sur 100%				
N-42	Lot 2 ( SE1/4 NE1/4)	6	39.94	Min 100% Sur 100%	168			
	NW1/4 NE1/4	6	47.55	Min 100% Sur 100%				
	SW1/4 NE1/4	6		Min 100% Sur 100%				
	That part of Govt Lot 1 lying within the NE1/4 NE1/4 of Section 6.	6	40.00	Min 100% Sur 100%				
N-43	NE1/4 SE1/4	6	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4	6	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	6		Min 100% Sur 100%				
	SW1/4 SE1/4	6	40.00	Min 100% Sur 100%				
	Grand Traverse County T27N R09W							
<b>44</b> 15	NE1/4 NE1/4 EXCEPT a parcel described as commencing at the NE corner of Sec 36, S 89d07m53s E 421.71 ft along north line of Sec 31, T27N, R8W, S 0d24m10s W 259.73 ft, N 89d35m50s W 421.01 ft to east line of said Sec 36 for a POB, th N 89d35m50s W 294.67 ft, S 81d52m19s W 1,035 ft m/l to E 1/8 line of Sec 36, north along said 1/8 line 400 ft m/l to north line of Sec 36, N 89d47m02s E along said north line to NE corner of Sec 36, S 0d15m10s W 263.16 ft along east Sec line to POB. Subject to existing easements.	36	30.44	Min 100% Sur 100%	80			
15	NW1/4 NE1/4 EXCEPT a parcel commencing at NE corner of Sec 36, S 89d07m53s E 421.71 ft along north line of Sec 31, T27N, R8W, S 0d24m10s W 259.73 ft, N 89d35m50s W 715.68 ft, S 81d52m19s W 1,035 m/l to E 1/8 line of Sec 36 for a POB, th S 81d52m19s W 80.68 ft m/l, N 8d07m41s W 250.0 ft, N 0d12m58s W 165.88 ft to north line of Sec 36, N 89d47m02s E along said north line to E 1/8 line of Sec 36, south along said 1/8 line to POB.	36	39.01	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Grand Traverse County	<u> </u>		[			1	
	T27N R09W							
44	(Continued)	1					1	
15	That part of the NE1/4 of the NE1/4 lying within the following described parcel: commencing at NE corner of Section 36, S 89°07'53" E 421.71 ft along North line of Section 31, T27N, R8W, S 0°24'10" W 259.73 ft, N 89°35'50" W 421.01 ft to East line of said Section 36 for a POB, th cont. N 89°35'50" W 294.67 ft, S 81°52'19" W 1,115.68 ft, N 8°07'41" W 250.00 ft, N 0°12'58" W 165.88 ft to North of said Section 36, N 89°47'02" E along said Section line 1,438.39 to NE corner of Section 36, S along East Section line to POB. Subject to existing easements.	36	9.56	Min 100% Sur 100%				
15	That part of the NW1/4 of the NE1/4 lying within the following described parcel: commencing at NE corner of Section 36, S 89°07'53" E 421.71 ft along North line of Section 31, T27N, R8W, S 0°24'10" W 259.73 ft, N 89°35'50" W 421.01 ft to East line of said Section 36 for a POB, th cont. N 89°35'50" W 294.67 ft, S 81°52'19" W 1,115.68 ft, N 8°07'41" W 250.00 ft, N 0°12'58" W 165.88 ft to North of said Section 36, N 89°47'02" E along said Section line 1,438.39 to NE corner of Section 36, S along East Section line to POB.	36	0.99	Min 100% Sur 100%				
45		+			80		+	
15	NW1/4 SE1/4 Subject to existing easements.	36	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4 Subject to existing easements.	36	40.00	Min 100% Sur 100%				
	Grand Traverse County	I					T	
	T27N R12W	 					 	
<b>I-46</b>	Lot 2 SE1/4 SW1/4	32	35.60	Min 100% Sur 100%	76			
	NE1/4 SW1/4	32	40.00	Min 100% Sur 100%				

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## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Isabella County T15N R03W							
<b>47</b> 15	SE1/4 SE1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	25	40.00	Min 100% Sur 100%				
<b>48</b> 15	SW1/4 SW1/4	25	40.00	Min 100% Sur 100%				
<b>49</b> 15 49	NE1/4 SW1/4 Subject to existing easements.	36	40.00	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Jackson County							
	T03S R01E							
N-50	NE1/4 SE1/4, subject to flowage by waters of Michigan Center Mill Pond with an 8 foot head of water at the dam. (under water) (40.00)	16	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4, subject to flowage by the waters of Michigan Center Mill Pond with an 8 foot head of water at the dam. (under water) (40.00)	16	40.00	Min 100% Sur 100%				
	Jackson County T03S R02E							
N-51		+			126		+	
34 39	T3S, R2E, Sec. 6: Frl. NE 1/4 of NE 1/4 except the N'ly 545.08 feet of the W'ly 452 feet. Subject to existing easements.	6	41.02	Min 100% Sur 100%				
34 39	T3S, R2E, Sec. 6: Frl. NW 1/4 of NE 1/4 except the N'ly 545.08 feet and the W'ly 700 feet.	6	21.86	Min 100% Sur 100%				
34 39	T3S, R2E, Sec. 6: E'ly 22.42 acres of SW 1/4 of NE 1/4	6	22.42	Min 100% Sur 100%				
34 39	T3S, R2E, Sec. 6: SE 1/4 of NE 1/4	6	40.00	Min 100% Sur 100%				
<b>N-52</b> 39	NE1/4 NE1/4 except that part desc as comm at the NE corner of Section 28, th S 46 rds along the East sec line, th W 35 rds, th N 46 rds to N Sec line, th E 35 rds to beg Subject to existing easements.	28	30.00	Min 100% Sur 100%				
39	NW1/4 NE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
39	SE1/4 NE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
39	SW1/4 NE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Jackson County T03S R02W							
N-53	That part of the following description lying within the NE1/4, Section 24, T03S, R02W:	24	6.46	Min 100% Sur 100%				
	The former Consolidated Rail Corporation railroad corridor, also known as the Michigan Central Railroad Company's Airline Branch, as depicted on Valuation Maps V 11 A-M/ 2 through V 11 A-M/ 8, and V 239/21 and V 239/22, over and across the following described property in Jackson County, Michigan:							
	SECTION TWENTY FOUR (24) TOWNSHIP THREE (3) SOUTH, RANGE TWO (2) WEST Contn W'ly, 110 ft in width, across the SE ¼ NE ¼, varying in width across the SW ¼ NE ¼, and 100 ft in width, across the SE ¼ NW ¼, and the SW ¼ NW ¼, Sec 24, T 3 S, R 2 W, Jackson County, Michigan.							
	SECTION TWENTY THREE (23) TOWNSHIP THREE (3) SOUTH, RANGE TWO (2) WEST Contn W'ly, 100 ft in width, across the SE ¼ NE ¼, th SW'ly, 100 ft in width, across the SW ¼ NE ¼, and the SE ¼ NW ¼, and varying in width across the SW ¼ NW ¼, and the NW ¼ SW ¼, Sec 23, T 3 S, R 2 W, Jackson County, Michigan, ending at the N & S Section Line, commonly known as the centerline of Moscow Road.							
N-54	That part of the following description lying within the NW1/4, Section 24, T03S, R02W:	24	6.16	Min 100% Sur 100%	7			
	The former Consolidated Rail Corporation railroad corridor, also known as the Michigan Central Railroad Company's Airline Branch, as depicted on Valuation Maps V 11 A-M/ 2 through V 11 A-M/ 8, and V 239/21 and V 239/22, over and across the following described property in Jackson County, Michigan:							
	SECTION TWENTY FOUR (24) TOWNSHIP THREE (3) SOUTH, RANGE TWO (2) WEST Contn W'ly, 110 ft in width, across the SE ¼ NE ¼, varying in width across the SW ¼ NE ¼, and 100 ft in width, across the SE ¼ NW ¼, and the SW ¼ NW ¼, Sec 24, T 3 S, R 2 W, Jackson County, Michigan.							
	SECTION TWENTY THREE (23) TOWNSHIP THREE (3) SOUTH, RANGE TWO (2) WEST Contn W'ly, 100 ft in width, across the SE ¼ NE ¼, th SW'ly, 100 ft in width, across the SW ¼ NE ¼, and the SE ¼ NW ¼, and varying in width across the SW ¼ NW ¼, and the NW ¼ SW ¼, Sec 23, T 3 S, R 2 W, Jackson County, Michigan, ending at the N & S Section Line, commonly known as the centerline of Moscow Road.							

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## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County T27N R05W	<u> </u>						
<b>55</b> 5	NW1/4 NE1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%				
	Kalkaska County T27N R06W							
<b>56</b> 15	NE1/4 NE1/4	21	40.00	Min 100% Sur 100%				
N-57	SE1/4 NE1/4	21	40.00	Min 100% Sur 100%				
	Kalkaska County T27N R08W	+						
<b>58</b> 15 20	NE1/4 NE1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				
20	SE1/4 NE1/4	31	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4	31	40.00	Min 100% Sur 100%				
<b>59</b> 15	Fr'I SW 1/4 of Fr'I NW 1/4 EXCEPT a parcel described as commencing at the W 1/4 corner of Sec 31, th N 0d15m10s E 300 ft along west line of said section, East 800 ft, S 0d14m49s W 300 ft to E-W centerline of said section, West 800 ft along said centerline to POB. Subject to existing easements.	31	28.01	Min 100% Sur 100%				
15	That part of Fr'I SW 1/4 of NW 1/4 lying within the following described parcel: commencing at the W 1/4 corner of Sec 31, thence N 0°15'10" E 300 ftalong west line of said section, East 800 ft, S 0°14'49" W to centerline of Vroom Road, southwesterly along said road to the west line of said section, N 0°14'49" E along west line to W 1/4 corner of said section. Subject to existing easements.	31	5.51	Min 100% Sur 100%				
<b>60</b> 15	Fr'I NW 1/4 of Fr'I SW 1/4 EXCEPT a parcel described as commencing at the W 1/4 corner of Sec 31, N 0d15m10s E 300 ft along west line of said section, East 800 ft, S 0d14m49s W 300 ft to E-W centerline of said section for POB, th S 0d14m49s W to centerline of Vroom Road, SW'ly along said road to the west line of said section, N0d14m49s E along west section line to W 1/4 corner of said sec, E 800 ft to POB. Subject to existing easements.	31	21.49	Min 100% Sur 100%			- +	

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County T27N R08W							
<b>60</b> 15	<b>(Continued)</b> That part of Fr'l NW 1/4 of NW 1/4 lying within the following described parcel: commencing at the W 1/4 corner of Sec 31, thence N 0°15'10" E 300 ftalong west line of said section, East 800 ft, S 0°14'49" W to centerline of Vroom Road, southwesterly along said road to the west line of said section, N 0°14'49" E along west line to W 1/4 corner of said section. Subject to existing easements.	31	11.94	Min 100% Sur 100%				
	Kalkaska County T28N R07W							
N-61	Com at the NE cor of SE1/4 NW1/4 running W from said cor 16 rods to W line of hy running parallel with GR&I RR, th S on Wline of Hwy 23 rods as place of beg, th w 8 rods, S at equal distance from hwy.4 rods, th E 8 rods th N on W line of hwy 4 rods to beginning	27	0.20	Min 100% Sur 0%			+	

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## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Manistee County T23N R16W							
<b>62</b> 15	SE1/4 SE1/4 SE1/4 Subject to existing easements.	11	10.00	Min 100% Sur 0%				
<b>63</b> 15	N 3 acres of W1/2 of NW1/4 NW1/4	13	3.00	Min 100% Sur 0%				
	Manistee County T24N R14W							
N-64	SW1/4 NW1/4 Subject to existing easements.	13	40.00	Min 100% Sur 100%				
N-65	SE1/4 NE1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	14	40.00	Min 100% Sur 100%				
N-66	NE1/4 SE1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	14	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	14	40.00	Min 100% Sur 0%				
N-67	NW1/4 SE1/4	21	40.00	Min 100% Sur 100%				
N-68	NE1/4 SW1/4	21	40.00	Min 100% Sur 100%				
<b>69</b> 15	NW1/4 SE1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	26	40.00	Min 100% Sur 100%				
N-70	NE1/4 SE1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	26	40.00	Min 100% Sur 100%				
<b>71</b> 15 19	NW1/4 SE1/4	27	40.00	Min 100%	80	· ·	- +	
15 19	SW1/4 SE1/4 Subject to existing easements.	27	40.00	Min 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Manistee County T24N R14W							
N 70			+		160			
N-72	NE1/4 NE1/4	30	40.00	Min 100%				
		00	+0.00	Sur 100%				
	NW1/4 NE1/4	30	40.00	Min 100%				
				Sur 100%				
	SE1/4 NE1/4	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NE1/4	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-73			+		86			
	SE1/4 NW1/4	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	W1/2 NW1/4 NW1/4	30	22.88	Min 100%				
				Sur 100%				
	W1/2 SW1/4 NW1/4 Subject to existing easements.	30	22.88	Min 100%				
				Sur 100%				
N-74					80			
	NW1/4 SE1/4 Subject to existing easements.	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SE1/4	30	40.00	Min 100%				
				Sur 100%				
N-75	NE1/4 SW1/4	20	40.00	Min 4000/	172			
	Subject to existing easements.	30	40.00	Min 100% Sur 100%				
		00	45.55					
	NW1/4 SW1/4 Subject to existing easements.	30	45.55	Min 100% Sur 100%				
	SE1/4 SW1/4	30	40.00	Min 100%				
	SW1/4 SW1/4	30	15 51	Sur 100% Min 100%				
		50	40.01	Sur 100%				
N-76			+		40		+	
	NE1/4 NE1/4	31	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-77			+		86		+	
	NE1/4 NW1/4	31	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NW1/4	31	45.23	Min 100%				
	Subject to existing easements.			Sur 100%				
N-78		- +	+		40		+	
	NE1/4 NW1/4	32	40.00	Min 100%	-			
				Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Manistee County T24N R15W							
<b>79</b> 15	SW1/4 NW1/4 EXCEPT a State Police tower	13	21.41	Min 100%	22			
	site described as: beg at a point located N 02d12m48s E 1,312.66 feet along the W line of said Sec. 13, and S 87d05m58s E 407.24 feet from the W 1/4 corner of said Sec.; thence continuing S 87d05m58s E 900.00 feet; thence S 01d44m28s W 900.00 feet; thence N 87d05m58s W 900.00 feet; thence N 01d44m28s E 900.00 feet to POB.			Sur 100%				
N-80	Part NW1/4 NW1/4 commencing at a point	13	2.00	Min 100%	23			
	along E 1/8 line of Section 13 which is N 0d16'50" W 294.95 feet from SE corner of NW1/4 NW1/4 Section 13, th continuing N 0d16'50" W along E line of said NW1/4 NW1/4 338.45 feet to the shore of Glovers Lake, th N 80d03'40" W along the shore of Glovers Lake 123.96 feet, th S 16d40' W 446.33 feet to Linda Lane, th S 47d50'50" E along Linda Lane 154.50 ft, th N 38d37' E 219.77 feet to point of beginning being Lots 2 and 3, Unrecorded Plat of Sarah J. Acres, including right of access across Linda Lake from Glovers Lake Road, with full riparian rights on Glovers Lake Subject to existing easements.		2.00	Sur 100%				
	Part NW1/4 NW1/4 commencing at SE corner th N 0d16'50" W along E line of NW1/4 NW1/4 633.40 feet to shore of Glovers Lake th N 80d03'40" W along shore of said lake 123.96 ft to point of beginning, th continuing N 80d03'40" W 15.21 feet and N 61d38' W 46.79 feet along shore of Glovers Lake, th S 28d07'20" W 395.44 feet to Linda Lane, th S 47d50'50" E along Linda Lane 154.50 feet, th N 16d40' E 446.33 feet to point of beginning, being Lot 4 Unrecorded Plat of Sarah J. Acres, including right of access from Linda Lane to Glovers Lake Road and full riparian rights on Glovers Lake Subject to existing easements.	13	1.09	Min 100% Sur 100%				
	Part NW1/4 NW1/4 described as commencing at SE corner for POB, th N 00 deg 16'50" W 295.52 feet, S 38 deg 37' W 306.76 feet, SE'ly along N line of Glover's Lake Rd 80.71 feet, S 89 deg 52'20" E 134.19 feet to the POB Subject to existing easements.	13	0.84	Min 100% Sur 100%				
	Part of SW1/4 NW1/4 described as: beg at a point located N 02d12m48s E 1,312.66 feet along the W line of said Sec. 13, and S 87d05m58s E 407.24 feet from the W 1/4 corner of said Sec.; thence continuing S 87d05m58s E 900.00 feet; thence S 01d44m28s W 900.00; thence N 87d05m58s W 900.00 feet; thence N 01d44m28s E 900.00 feet to POB, containing 18.59 acres. Subject to existing easements.	13	18.59	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Manistee County T24N R15W							
N-81	NE1/4 NE1/4	25	40.00	Min 100%				
	NW1/4 NE1/4	25	40.00	Sur 100% 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%				
N-82	NE1/4 SE1/4	25	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	25	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4 Subject to existing easements.	25	40.00	Min 100% Sur 100%				
N-83	Lot 4 (SW1/4 NW1/4) Subject to existing easements.	31	36.00	Min 100% Sur 100%				
N-84	NE1/4 NE1/4	36	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4 Subject to existing easements.	36	40.00	Min 100% Sur 100%				

Offering	Oil And Gas Lease A		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres		Bid	Bid
	Midland County T14N R02W							
<b>85</b> 15	SW1/4 NW1/4	21	40.00	Min 100% Sur 100%				
N-86	SE1/4 NW1/4	21	40.00	Min 100% Sur 100%				
	Midland County T15N R01W							
<b>87</b> 15	NW1/4 NW1/4	11	40.00	Min 100% Sur 100%				
N-88	NE1/4 NW1/4 Subject to existing easements.	11	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	11	40.00	Min 100% Sur 100%				
	Midland County T15N R02W							
<b>89</b> 15	SE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	29	40.00	Min 100% Sur 100%				
	Midland County T16N R01W							
N-90	The North 1/2 of the Southeast 1/4	29	80.00	Min 100% Sur 100%				
	Midland County T16N R02E							
91	Part of SW1/4 SE1/4 desc as comm 10 rds W of SE cor SW1/4 SE1/4 for pt of beg, th N 24 rds, th E 10 rds, th N 56 rds, th W 60 rds, th S 80 rds, th E 50 rds to pt of beg.	18	28.50	Min 100% Sur 100%				
N-92	NE1/4 SE1/4	18	40.00	Min 100%				
	NW1/4 SE1/4	18	40.00	Sur 100% Min 100% Sur 100%				
93	NE1/4 SW1/4	18	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	18		Min 100% Sur 100%				
	SE1/4 SW1/4	18	40.00	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Midland County T16N R02E							
93	(Continued) SW1/4 SW1/4	18	51.54	Min 100' Sur 100'				
94	NW1/4 NW1/4	19	52.05	Min 100 <sup>4</sup> Sur 100 <sup>4</sup>				
	SE1/4 NW1/4	19	40.00	Min 100 Sur 100				
	SW1/4 NW1/4	19	52.45	Min 100 Sur 100				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Monroe County T07S R06E							
N-95	Part of SE1/4 desc as comm at a point in the centerline of Lulu Road which is S 89d00'00" E 674.62 ft from the S 1/4 post of said Sec 10, marked by an iron pin, and running th along said centerline of Lulu Rd S 88d58'00" E 660.10 ft, th N 01d09'40" W 2651.10 ft, th S 44d33'17" W 930.48 ft, th S 01d21'00" E 1968.61 ft to the pt of commencement.	10	35.20	Min 100% Sur 100%				
N-96	SE1/4 SW1/4	11	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4 ex acres in square form in SW corner	11	38.00	Min 100% Sur 100%				
N-97	Comm at a point on East and West quarter line located East 820 ft from West quarter cor, th East 113.4 ft; th North 30d14'50" West to West line of Sec, th South along West sec line 220 ft; th South 30d14'50" East 1680 ft to pt of beg, being in the NW1/4	14	4.10	Min 100% Sur 100%			+	
	NE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
	That part of the following description located in Section 14, T07S, R06E: Lands in NE1/4, Sec 15 and NW1/4, Sec 14, des as follows: Comm at a point on the Nline of said Sec 15, said point being N 89d06'20" W 583.73 ft from the NE corner of said Sec 15 and running th along said N line S89d06'20"E 58.42 ft, th S30d14'50" E 3047.22 ft to the E andW centerline of Sec 14, th along said E and W centerline S87d54'00" W 113.41 ft, th N30d14'50" W 3054.14 ft to the said N line of Sec 15, th along said North line S89d06'20" E 58.42 ft to pt of comm.	14	6.00	Min 100% Sur 100%				
	That part of the following description located within Section 14, T07S, R06E: W1/2 NW1/4, Sec 14 and that part NE1/4, Sec 15 lying NE'ly of Teal Road except a parcel des as comm at a point in the N line of said Sec 15 said point being N 89d06'20" West 583.73 ft from the NE corner of said Sec 15, running th along said N line South 89d06'20" East 58.42 feet, th S 30d14'50" E 3047.22 ft to the E and W centerline of Sec 14, th along said E and W centerline SOuth 87d54'00" West 113.41 ft, th N 30d14'50" W 3054.14 ft to said N line of Sec 15, th along said N line of S 89d06'20" E 58.42 ft to the pt of comm.	14	77.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Monroe County T07S R06E							
N-98	*Com at a pt at W 1/4 cor of Sec 14 th in E'LY direction alg N li of SW 1/4 of Sec 14 having assumed bearing of N 88 deg 51' 36" E 982.70 ft to int of NE'LY li of lds owned by State of Michigan sd int being pob th N 88 deg 51' 36" E alg sd N li of SW 1/4 of Sec 14 1676.13 ft to NE cor of SW 1/4 th S 0 deg 09' 21" W alg E li of SW 1/4 of Sec 14 272.38 ft to a pt in E li of SW 1/4 of Sec 14 th S 88 deg 51" 36" W alg a li S'LY of & para to N li of SW 1/4 of Sec 14 1523.2 ft to int of NE'LY li of lds owned by State of Michigan th N 29 deg 27' 54" W alg sd NE'LY li of lds owned by State of Michigan 309.35 ft to pob	14	10.00	Min 100% Sur 100%				
	Comm at a pt located East 1320 ft and South 690 ft from West quarter cor, th South 30d14'50" East 770 ft, th W 113.4 ft; th North 30d14'50" West 540 ft; th North 210 ft to beg, being part of NE1/4 of SW1/4	14	1.40	Min 100% Sur 100%				
	Comm at a pt on E and W 1/4 line located E 820 ft from W 1/4 cor, th N 87d54' E 113.41 ft; th S30d14'50" E 790 ft; th S 210 ft, th N 30d14'50" W 1040 ft to pt of beg, being part of W1/2 SW1/4 (NW SW)	14	2.37	Min 100% Sur 100%				
	Part of NE I/4 of SW I/4 described as: Commencing at a point 982.79 ft N 88d 51m 36s E and 653.45 ft S 29d 27m 54s E from the W I/4 Corner of said Section 14, as the true POB, proceeding, th S 29d 27m 54s E 871.43 ft; th N 89d 25m 42s E 922.1 ft to the East line of the SW I/4 of Section 14, th N 00d 09m 21s E along the east line of said SW I/4 of Section 14 a distance of 776.44 ft; th S 88d 51m 36s W 1353.08 ft to the POB. Together with and subject to a 30 ft nonexclusive easement for ingress and egress described as follows: Commencing at the SW Corner of the said SW I/4 of section 14, th in an easterly direction along the south line of said SW I/4 of Section 14, having an assumed bearing of N 89d 59m 49s E a distance of 914.04 ft to the intersection of the centerline of Teal Rd; th N 30d 08m 13s W along the said centerline of Teal Rd a distance of 1245.37 ft to the true point of beginning; th continuing N 30d 08m 13s W along the said centerline of Teal Rd a distance of 30.03 ft to a point; th N 57d 18m 39s E along a line a distance of 1296.17 ft to the intersection of thesouthwesterly line of a parcel of land as described in Liber 437, pg 523, and Liber 393, pg 348, Monroe Co Records; th S 29d 27m 54s E along the said sw'ly line of a parcel described in Liber 437, pg 523 and Liber 393, pg 348, Monroe Co Records a distance of 30.0 ft to a point; th S 57d 18m 39s W along a line a distance of 1295.82 ft to the true POB.	14	20.13	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Monroe County							
	T07S R06E							
N-99	Com at a pt on N Sec line located 525.37 ft N 89d06'20" West from NE Section cor, th continuing N 89d06'20" W 116.84 ft, th S 30d14'50" E to E line of Sec, thNalong Sec line 190 ft, th N 30d14'50" W to pt of beg, being part E1/2 NE1/4	15	2.70	Min 100% Sur 100%				
	That part of NE1/4 lying SW'ly of the Detroit, Toledo and Ironton RR right of way as now in use. Subject to existing easements.	15	72.00	Min 100% Sur 100%				
	That part of the following description located in Section 15, T07S, R06E: Lands in NE1/4, Sec 15 and NW1/4, Sec 14, des as follows: Comm at a point on the Nline of said Sec 15, said point being N 89d06'20" W 583.73 ft from the NE corner of said Sec 15 and running th along said N line S89d06'20"E 58.42 ft, th S30d14'50" E 3047.22 ft to the E andW centerline of Sec 14, th along said E and W centerline S87d54'00" W 113.41 ft, th N30d14'50" W 3054.14 ft to the said N line of Sec 15, th along said North line S89d06'20" E 58.42 ft to pt of comm.	15	1.00	Min 100% Sur 100%				
	That part of the following description located within Section 15, T07S, R06E: W1/2 NW1/4, Sec 14 and that part NE1/4, Sec 15 lying NE'ly of Teal Road except a parcel des as comm at a point in the N line of said Sec 15 said point being N 89d06'20" West 583.73 ft from the NE corner of said Sec 15, running th along said N line South 89d06'20" East 58.42 feet, th S 30d14'50" E 3047.22 ft to the E and W centerline of Sec 14, th along said E and W centerline SOuth 87d54'00" West 113.41 ft, th N 30d14'50" W 3054.14 ft to said N line of Sec 15, th along said N line of S 89d06'20" E 58.42 ft to the pt of comm.	15	79.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Montmorency County T29N R02E							
N-100	NE1/4 NW1/4 except NE1/4 NE1/4 NW1/4	7	30.00	Min 100% Sur 100%				
	Montmorency County T30N R04E							
N-101	SE1/4 NE1/4 Subject to existing easements.	21	40.00	Min 100% Sur 100%				
N-102	SW1/4 NW1/4 except Railroad r/w Subject to existing easements.	22	37.35	Min 100% Sur 100%				
N-103	NW1/4 SW1/4	22	40.00	Min 100% Sur 100%			+	
	SW1/4 SW1/4	22	40.00	Min 100% Sur 100%				
	Montmorency County T31N R01E							
N-104	One acre in SE1/4 NE1/4 originally proposed for school purposes	29	1.00	Min 100% Sur 100%				
	Montmorency County T31N R03E							
<b>105</b> 15	SE1/4 NE Frac'l 1/4	3	40.00	Min 100% Sur 100%			+	
	SW1/4 NE Frac'l 1/4	3	40.00	Min 100% Sur 100%				
N-106	NE1/4 NE Frac'l 1/4	3	2.08	Min 100% Sur 100%				
	NW1/4 NE Frac'l 1/4	3	2.80	Min 100% Sur 100%				
<b>107</b> 15 49	SE1/4 NW Frac'l 1/4	3	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW Frac'l 1/4	3	40.00	Min 100% Sur 100%				
N-108	NE1/4 NW Frac'l 1/4	3	3.52	Min 100% Sur 100%				
	NW1/4 NW Frac'l 1/4	3	4.25	Min 100% Sur 100%				
<b>109</b> 15	NE1/4 SW1/4	3	40.00	Min 100% Sur 100%	119			

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Montmorency County T31N R03E							
400	(Continued)							
<b>109</b> 15	SE1/4 SW1/4 ex County Road Subject to existing easements.	3	39.00	Min 100% Sur 100%				
	SW1/4 SW1/4 Subject to existing easements.	3	40.00	Min 100% Sur 100%				
<b>110</b> 15 49	NW1/4 NE1/4 Subject to existing easements.	9	40.00	Min 100% Sur 100%				
N-111		+			80			
	NE1/4 SW1/4	9	40.00	Min 100%				
				Sur 100%				
	SE1/4 SW1/4	9	40.00	Min 100%				
				Sur 100%				
	Montmorency County							
	T32N R01E				80		-	
N-112	NE1/4 NE1/4	20	40.00	Min 100%				
		20	10.00	Sur 0%				
	NW1/4 NE1/4	20	40.00	Min 100%				
				Sur 0%				
	Montmorency County							
	T32N R02E							
N-113	LOT 1 Subject to existing easements.	27	36.00	Min 100% Sur 100%				
	LOT 2 Subject to existing easements.	27	22.20	Min 100% Sur 100%				
	NE1/4 SW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	27	40.00	Min 100% Sur 100%				
N-114					160			
	NE1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	34	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	34	40.00	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equit	y	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Otsego County	+		· · ·			l	<u> </u>	
	T30N R02W								
N-115						33		+	
	LOT 5	8	32.19	Min	100%				
				Sur	0%				
	Otsego County								
	T31N R02W								
N-116		07				1			
	*S1/2 SW1/4 lying N of BCG & A railroad right-of-way	27	0.10	Min Sur	100% 0%				
					0%				
	Otsego County T31N R03W								
117		+				37		+	
	NW1/4 NE1/4	2	36.14	Min	100%				
				Sur	0%				
	Otsego County								
	T31N R04W								
N-118						2			
	*Beginning 75 feet W & 500 feet N of SE corner of NE1/4 NE1/4 th N 254 feet W 200feet S 254	27	1.17		100%				
	feet E 200 feet to point of beginning			Sur	0%				
	Otsego County	+						+	
	T32N R03W								
N-119		+	+			80		†	
	NW1/4 SE1/4	12	40.00						
				Sur	0%				
	SW1/4 SE1/4	12	40.00						
	.1	1	L	Sur	0%		L	I	L

#### State Of Michigan Department of Natural Resources

## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Washtenaw County T03S R03E		1			n		
N-120			+		13		+	
34	E 714.56 ft of S 732.80 ft of SE1/4 NW1/4	30	12.02	Min 100% Sur 100%				
N-121		+	+		73		+	
34	NW1/4 SE1/4 exc S232.06 ft of E 772.39 ft	30	36.00	Min 100%				
34	SE1/4 SE1/4 Shu of Bajaja Biyor	20	1 1 00	Sur 100%				
34	SE1/4 SE1/4, Sly of Raisin River	30	4.00	Min 100% Sur 100%				
34	SW1/4 SE1/4 exc beg at pt 660 ft N of SE cor,	30	32 55	Min 100%				
01	th N 72d 5' W 248.82 ft, S 58d W 295.68 ft, N 1d 30' W 786.5 ft to N line, E to E line S to beg.	00	02.00	Sur 100%				
N-122		+	+		160		1	
34	NE1/4 SW1/4 exc N 474.39 ft of N 685.92 ft	30	34.43	Min 100%				
				Sur 100%				
34	S1/2 NW1/4 SWfrl1/4	30	28.00	Min 100%				
				Sur 100%				
34	SE1/4 SWfrl1/4	30	40.00	Min 100%				
				Sur 100%				
34	SWfrI1/4 SWfrI1/4	30	57.29	Min 100%				
				Sur 100%				
N-123					160			
34	NE1/4 NE1/4	31	40.00	Min 100%				
				Sur 100%				
34	NW1/4 NE1/4	31	40.00	Min 100%				
				Sur 100%				
34	SE1/4 NE1/4	31	40.00	Min 100%				
				Sur 100%				
34	SW1/4 NE1/4	31	40.00	Min 100%				
			+	Sur 100%			+	
N-124					203			
34	NE1/4 NWfrI1/4	31	40.00	Min 100%				
24		24	00.50	Sur 100%				
34	NWfrI1/4 NWfrI1/4	31	62.58	Min 100%				
24		21	40.00	Sur 100%				
34	SE1/4 NWfrl1/4	31	40.00	Min 100%				
34	SWfrl1/4 NWfrl1/4 exc comm on W line 609.08 ft	31	60.05	Sur 100%				
34	N of W 1/4 post, th S along center of Road S 68d 18' E 410.07 ft, S 75d 03' 30" E 340.10 ft for POB, continue S 75d 03' 30" E 299.77 ft, S 1d	31	60.35	Min 100% Sur 100%				
	22' 45" W 253.08 ft, S 88d 20' 45" W 306.05 ft, N 3d 46' 30" E 340.03 ft POB.							
N-125		1	t		80		1	
34	NE 1/4 of SE 1/4	31	40.00	Min 100%				
				Sur 100%				
34	NW 1/4 of SE 1/4	31	40.00	Min 100%				
				Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Washtenaw County							
	T03S R03E							
N-126					172		1	
34	NE 1/4 of SW frl 1/4	31	40.00	Min 100%				
				Sur 100%				
34	NWfrI1/4 SWfrI1/4	31	63.00	Min 100%				
				Sur 100%				
34	Part of SE 1/4 of SW frl 1/4 lying N of River	31	3.00	Min 100%				
	Raisin			Sur 100%				
34	SE1/4 SWfrl1/4, W of river	31	5.00	Min 100%				
				Sur 100%				
34	SWfrI1/4 SWfrI1/4, W of River	31	60.23	Min 100%				
				Sur 100%				

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Human Resources, Michigan Department of Natural Resources, PO Box 30028, Lansing MI 48909-7528, *or* Michigan Department of Civil Rights, Cadillac Place, 3054 West Grand Blvd, Suite 3-600, Detroit, MI 48202, *or* Division of Federal Assistance, U.S. Fish & Wildlife Service, 4401 North Fairfax Drive, Mail Stop MBSP-4020, Arlington, VA 22203.

For information or assistance on this publication, contact Kimberly Venne, Forest, Mineral and Fire Management, Michigan Department of Natural Resources, P.O. Box 30452, Lansing, MI 48909-7952.

This publication is available in alternative formats upon request.

#### MDNR MEETING ACCOMODATIONS

Persons with disabilities needing accommodations for the meeting should contact the DNR at 517-335- 3242. TTY/TTD: 711 (Michigan Relay Center)

**LIABILITY.** Grantee hereby releases, waives, discharges and covenants not to sue the State of Michigan, its departments, officers, employees and agents, from any and all liability to Grantee, its officers, employees and agents, for all losses, injury, death or damage, and any claims or demands thereto, on account of injury to person or property, or resulting in death of Grantee, its officers, employees or agents, in reference to the activities authorized by this permit.

**INDEMNIFICATION.** Grantee hereby covenants and agrees to indemnify and save harmless, the State of Michigan, its departments, officers, employees and agents, from any and all claims and demands, for all loss, injury, death or damage, that any person or entity may have or make, in any manner, arising out of any occurrence related to (1) issuance of this permit; (2) the activities authorized by this permit; and (3) the use or occupancy of the premises which are the subject of this permit by the Grantee, its employees, contractors, or its authorized representatives.