



STATE OF MICHIGAN OIL AND GAS LEASE AUCTION

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

Wednesday, May 4, 2016

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):

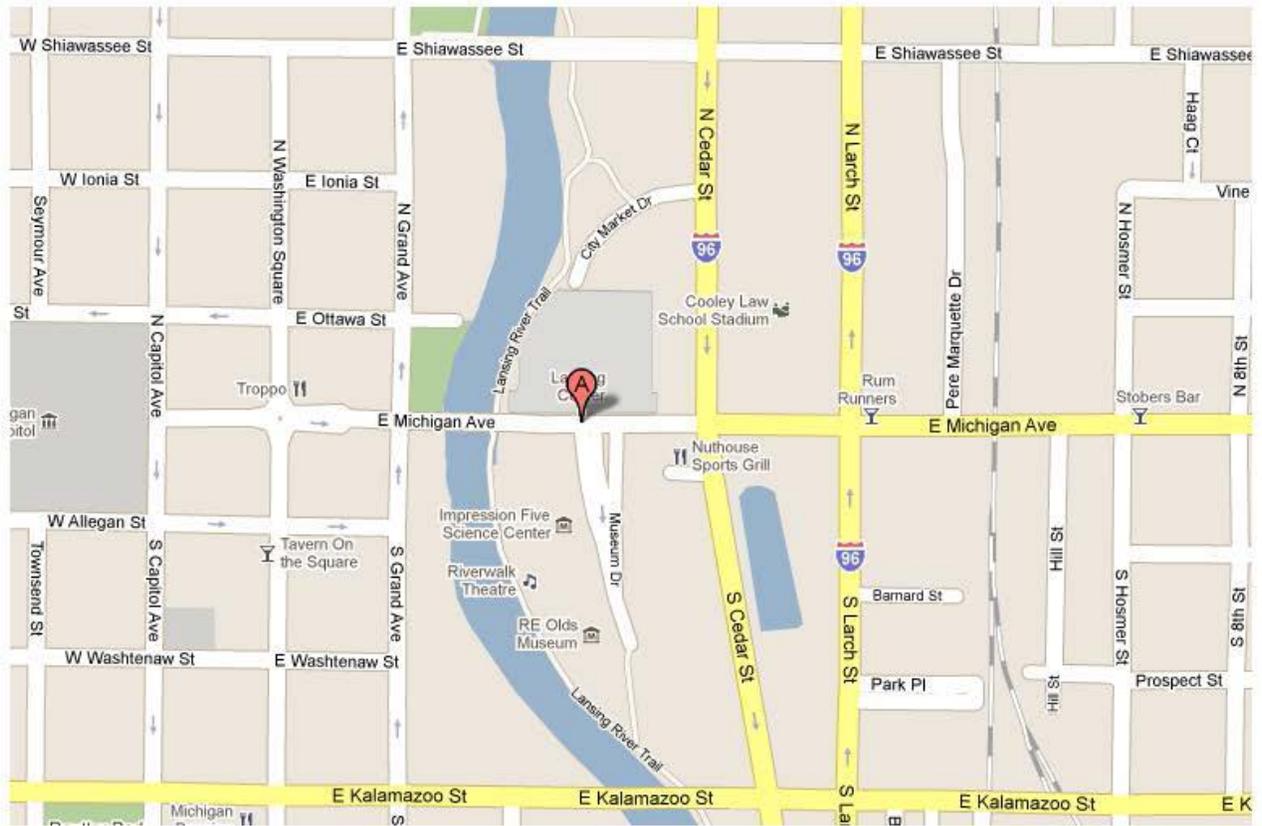
Turn south onto Cedar Street and go past Shiawassee Street. Make a right at the next street, City Market Drive (changes to Museum Drive just after the Lansing City Market). Follow City Market Drive/Museum Drive to the parking lot entrances.

****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 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 valid government-issued photo identification (ID) which may be retained by the 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 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. Prospective bidders may contact **Ms. Kimberly Venne**, at **517-284-5912** or **vennek@michigan.gov**, **prior to the auction** to confirm they are on the authorized bidder list. (In order to be placed on the authorized bidder list the individual must have been a successful bidder at a previous State of Michigan (State) Oil and Gas Lease Auction; not have an outstanding balance owed; and not be 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 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. Papers may be obtained from the Michigan Department of Licensing and Regulatory Affairs, Corporations 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 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 per acre may be re-offered at a minimum bid of **\$2 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 (*) were acquired via tax reversion on or after April 1, 1976. The DNR no longer requires Attorney Title Opinions.

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 Office of Minerals Management 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 per acre per year, beginning the first year of the lease, provided that the minimum annual rental for any lease shall be \$5. 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 Office of Minerals Management (address shown below).

OFFICE OF MINERALS MANAGEMENT
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PO BOX 30452
LANSING MI 48909
517-284-5844
<http://www.michigan.gov/minerals>

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 owns mineral rights only, and as described in this lease, written proof shall be submitted to the Lessor 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
6	Kirtland's Warbler Habitat Management	Portions of the leased area may lie within essential Kirtland's Warbler habitat or within ¼ mile of essential Kirtland's Warbler habitat. No drilling, development, construction, or non-routine maintenance activities shall take place within ¼ mile of essential habitat from May 1 to August 15 without prior written authorization from the lessor. In addition, no surface development of any kind will be allowed within essential habitat or within 300 feet of essential habitat.
15	Limited Surface Disturbance-OG FEE	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.
23	Subject to Existing Underground Gas Storage Leas	All other provisions of this lease notwithstanding, this parcel is subject to an existing State of Michigan Underground Gas Storage Lease. Contact Underground Gas Storage field operator prior to any surface use.
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.
44	MDOT #1 - Conditions	All other conditions of the Lease notwithstanding, it is expressly understood and agreed that the above-described land is leased solely for communitization purposes and that no drilling or other development work will be conducted on the leased premises without the express written permission of the Michigan Department of Transportation (MDOT) and Lessor.
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.

Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
63	MDOT Nondiscrimination Clause	The Lessee for itself, its personal representatives, contractors, subcontractors, employees, applicants for employment, successors in interest and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land, that (1) No person on the ground of race, color, religion, national origin, age, sex, height, weight, or marital status shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, in the use of said land, and (2) In the event of breach of any of the aforementioned nondiscrimination covenants, the Lessor shall have the right to terminate the Lease and to re-enter and repossess said land and the facilities thereon, if any, and hold the same as if said Lease had never been made or issued.
68	Potential for Restricted Activity	An environmental review has indicated the potential for restricted activity on this parcel. All other provisions of this lease notwithstanding, it is understood that no exploration or development work shall be conducted on this parcel without first contacting the local Michigan Department of Environmental Quality District Office to obtain specific special instructions regarding use of the surface.
69	Limited Surface Disturbance-OG MIN ONLY	To limit surface disturbance, any wells to be drilled on the leased premises shall be drilled from a single surface area. Upon the request of the Department's Land Administering Division (LAD), the Lessee shall submit a proposed development plan to the LAD 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. 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.
70	Best Management Practices-OG MIN ONLY	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 Surface Owner and the Local Management Supervisor.
71	Limited Surface Disturbance-MM/NM FEE	To limit surface disturbance, any borings and/or wells to be drilled on the leased premises shall be drilled from surface locations that are acceptable to and approved by the Lessor's Land Administering Division (LAD). The Lessee may not drill any borings and/or wells on the leased premises without first obtaining approval from the Lessor's LAD. Approval shall not be unreasonably withheld by Lessor's LAD.

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Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Alpena County								
T29N R09E								
N-1	Part of Govt Lot 1 in NW1/4 NW1/4	27	0.70	Min 100% Sur 100%	64			
	Part of Govt Lot 1 in SE1/4 NW1/4	27	31.50	Min 100% Sur 100%				
	Part of Govt Lot 1 in SW1/4 NW1/4	27	31.50	Min 100% Sur 100%				
N-2	NE1/4 SW1/4	27	40.00	Min 100% Sur 100%	160			
	NW1/4 SW1/4	27	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	27	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	27	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R03E							
N-3	SE1/4 SW1/4	21	40.00	Min 100% Sur 0%	40			

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Bay County T16N R03E								
4					71			
69	NW1/4 NW1/4	4	30.93	Min 100% Sur 0%				
69	SW1/4 NW1/4	4	40.00	Min 100% Sur 0%				
N-5					72			
	NE1/4 NW1/4	4	31.36	Min 100% Sur 0%				
	SE1/4 NW1/4	4	40.00	Min 100% Sur 0%				
Bay County T17N R03E								
6					40			
69	NE1/4 NE1/4	17	40.00	Min 100% Sur 0%				
N-7					40			
	NW1/4 NE1/4	17	40.00	Min 100% Sur 0%				
N-8					40			
	SE1/4 NW1/4	17	40.00	Min 100% Sur 0%				
N-9					80			
	NE1/4 SW1/4	17	40.00	Min 100% Sur 0%				
	SE1/4 SW1/4	17	40.00	Min 100% Sur 0%				
10					1			
69 70	*Com 1138 feet N of SE corner of NE 1/4, th W 268 feet, th N 150 feet, th E 268 feet, th S 150 feet to beg	25	0.92	Min 100% Sur 0%				
11					40			
69	SW1/4 NW1/4	28	40.00	Min 100% Sur 0%				
N-12					40			
	SE1/4 NW1/4	28	40.00	Min 100% Sur 0%				
13					40			
69	W1/2 W1/2 SW1/4	28	40.00	Min 100% Sur 0%				
14					80			
	NW1/4 NE1/4	29	40.00	Min 100% Sur 0%				
	SW1/4 NE1/4	29	40.00	Min 100% Sur 0%				
15					40			
	NE1/4 NW1/4	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
Bay County								
T17N R03E								
N-16	SE1/4 NW1/4	29	40.00	Min 100% Sur 0%	40			
17	NW1/4 SE1/4	29	40.00	Min 100% Sur 0%	40			
18	NE1/4 SW1/4	29	40.00	Min 100% Sur 0%	40			
19	E 1/2 of W 1/2 of SW 1/4 of SW 1/4	32	10.00	Min 100% Sur 0%	50			
69 70	SE1/4 SW1/4	32	40.00	Min 100% Sur 0%				
N-20	NE1/4 SW1/4	32	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
Calhoun County								
T01S R05W								
N-21	*Beg 198 ft West of NE cor of SE of NE, West 198 ft, South 110 ft, East 198 ft, North 110 ft	11	0.50	Min 100% Sur 0%	1			
	Commence 2 rds W and 4 rds N of SE cor NE1/4 NE1/4, W 4 rds, N 1 rd 8 ft 3 inches, E 4 rds, S 1 rd 8 ft 3 inches to beginning	11	0.04	Min 100% Sur 0%				

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Clare County								
T17N R04W								
N-22	That part of S1/2 desc as comm at the SE cor of said Sec, th along the Sec line S 89d42'07" W 2149.70 ft to pt of beg, th N 0d01'01" E 33 ft, th N 69d10'47" W 588.46 ft, th N 89d42'59" W 111.75 ft, th N 89d42'59" W 15 ft, m/l, to lake shore, th SE'ly along the lake shore 310 ft, m/l to a pt which is S 89d42'07" W from the pt of beg, th N 89d42'07" E 8 ft m/l to a pt which is S 37d35'59" E 309.45 ft from the E'ly end of the preceeding 15-foot course, th N 89d42'07" E 472.98 ft along sec line to pt of beg, together with the riparian rights thereinSubject to existing easements.	9	2.64	Min 100% Sur 100%	3			
N-23	Beg N 0d 13' W, alg th E line, 657.15 ft fr th SE cor, th N 0d 13' W alg E line, 165.52 ft to a point on th S bank of th S br of th Tobacco River, th S 36d 04' 03" W alg th S bank, 208.12 ft, th N 88d 44' 21" E, 123.19 ft back to POB, cont 0.45 A and extending N to th C/L of th S br of Tobacco River	30	0.45	Min 100% Sur 0%	4			
	Railroad R/w running across SE1/4 SE1/4	30	3.24	Min 100% Sur 100%				
N-24	Railroad R/w running across NW1/4 SW1/4	30	1.08	Min 100% Sur 100%	7			
	Railroad R/w running across SE1/4 SW1/4	30	3.28	Min 100% Sur 100%				
	Railroad R/w running across SW1/4 SW1/4	30	2.18	Min 100% Sur 100%				
Clare County								
T18N R06W								
25 49	SE1/4 NW1/4	5	40.00	Min 100% Sur 100%	40			
N-26	NE1/4 NW1/4	5	43.92	Min 100% Sur 100%	85			
	SW1/4 NW1/4	5	40.68	Min 100% Sur 100%				
N-27	NE1/4 NE1/4	6	40.33	Min 100% Sur 100%	161			
	NW1/4 NE1/4	6	40.23	Min 100% Sur 100%				
	SE1/4 NE1/4	6	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	6	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

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Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Clare County								
T19N R06W								
N-28					120			
	NE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	14	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	14	40.00	Min 100% Sur 100%				
29					120			
15 16 49	NE1/4 NW1/4 existing easements.	15	40.00	Min 100% Sur 100%				
15 16 49	SE1/4 NW1/4	15	40.00	Min 100% Sur 100%				
15 16 49	SW1/4 NW1/4 existing easements.	15	40.00	Min 100% Sur 100%				
30					40			
15 16 49	NW1/4 SW1/4 existing easements.	15	40.00	Min 100% Sur 100%				
31					142			
15 49 71	NE1/4 SW1/4	18	40.00	Min 100% Sur 100%				
15 49 71	NW1/4 SW1/4	18	30.78	Min 100% Sur 100%				
15 49	SE1/4 SW1/4	18	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	18	30.77	Min 100% Sur 100%				
32					143			
15 49	NE1/4 NW1/4	19	40.00	Min 100% Sur 100%				
15 49	NW1/4 NW1/4	19	31.08	Min 100% Sur 100%				
15 49	SE1/4 NW1/4	19	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW1/4	19	31.71	Min 100% Sur 100%				
33					137			
15 49	NE1/4 SW1/4	19	40.00	Min 100% Sur 100%				
15 49	NW1/4 SW1/4	19	32.34	Min 100% Sur 100%				
15 49 71	SE1/4 SW1/4	19	33.56	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	19	30.51	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Clare County								
T19N R06W								
34					120			
15	NE1/4 NE1/4	20	40.00	Min 100%				
49				Sur 100%				
71								
15	NW1/4 NE1/4	20	40.00	Min 100%				
				Sur 100%				
15	SW1/4 NE1/4	20	40.00	Min 100%				
				Sur 100%				
N-35					40			
	SE1/4 NE1/4	20	40.00	Min 100%				
				Sur 100%				
36					40			
15	NW1/4 SE1/4	20	40.00	Min 100%				
				Sur 100%				
37					37			
15	SW1/4 SE1/4	21	36.62	Min 100%				
				Sur 100%				
N-38					40			
	NW1/4 SE1/4	21	40.00	Min 100%				
				Sur 100%				
39					80			
15	NE1/4 NE1/4	22	40.00	Min 100%				
49	existing easements. Subject to			Sur 100%				
15	SE1/4 NE1/4	22	40.00	Min 100%				
	existing easements. Subject to			Sur 100%				
N-40					40			
	SW1/4 NE1/4	22	40.00	Min 100%				
				Sur 100%				
N-41					120			
	Beginning at NW corner of NE1/4 SE1/4, thence 5 chs S, thence 8 chs E, thence 5 chs N, thence 8 chs W to point of beginning	22	4.00	Min 100%				
				Sur 100%				
	NE1/4 SE1/4 except beginning at the NW corner of NE1/4 SE1/4, thence 5 chains South, th. 8 chains E, th. 5 chains N, th. 8 chains W to point of beg. Subject to existing easements.	22	36.00	Min 100%				
				Sur 100%				
	NW1/4 SE1/4	22	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	22	40.00	Min 100%				
	existing easements. Subject to			Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County T25N R04W							
N-42	NE1/4 SE1/4	5	40.00	Min 100% Sur 0%	40			

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T17N R02E								
43 15	SW1/4 NE1/4	3	40.00	Min 100% Sur 100%	40			
N-44	NE1/4 NE1/4	3	28.55	Min 100% Sur 100%	97			
	NW1/4 NE1/4	3	28.43	Min 100% Sur 100%				
	SE1/4 NE1/4	3	40.00	Min 100% Sur 100%				
N-45	NE1/4 NW1/4	3	28.29	Min 100% Sur 100%	137			
	NW1/4 NW1/4	3	28.17	Min 100% Sur 100%				
	SE1/4 NW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	3	40.00	Min 100% Sur 100%				
46 15	NW1/4 SE1/4	3	40.00	Min 100% Sur 100%	80			
15	SE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
N-47	NE1/4 SE1/4	3	40.00	Min 100% Sur 100%	80			
	SW1/4 SE1/4	3	40.00	Min 100% Sur 100%				
N-48	NE1/4 SW1/4	3	40.00	Min 100% Sur 100%	160			
	NW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
N-49	NE1/4 NE1/4	4	28.01	Min 100% Sur 100%	136			
	NW1/4 NE1/4	4	27.60	Min 100% Sur 100%				
	SE1/4 NE1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	4	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T17N R02E								
50					40			
15 49	SW1/4 NW1/4	4	40.00	Min 100% Sur 100%				
N-51					95			
	NE1/4 NW1/4	4	27.43	Min 100% Sur 100%				
	NW1/4 NW1/4	4	27.47	Min 100% Sur 100%				
	SE1/4 NW1/4	4	40.00	Min 100% Sur 100%				
N-52					120			
	NE1/4 SE1/4	4	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	4	40.00	Min 100% Sur 100%				
53					120			
15 49	NW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
15 49	SE1/4 SW1/4	4	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
N-54					40			
	NE1/4 SW1/4	4	40.00	Min 100% Sur 100%				
55					80			
15 49	SE1/4 NE1/4	5	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	5	40.00	Min 100% Sur 100%				
N-56					55			
	NE1/4 NE1/4	5	27.22	Min 100% Sur 100%				
	NW1/4 NE1/4	5	27.17	Min 100% Sur 100%				
N-57					134			
	NE1/4 NW1/4	5	26.69	Min 100% Sur 100%				
	NW1/4 NW1/4	5	26.45	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 Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T17N R02E								
58					160			
15 49	NE1/4 SE1/4	5	40.00	Min 100% Sur 100%				
15 49	NW1/4 SE1/4	5	40.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	5	40.00	Min 100% Sur 100%				
15 49	SW1/4 SE1/4	5	40.00	Min 100% Sur 100%				
59					80			
15 49	SE1/4 SW1/4	5	40.00	Min 100% Sur 100%				
15 49	SW1/4 SW1/4	5	40.00	Min 100% Sur 100%				
N-60					80			
	NE1/4 SW1/4	5	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	5	40.00	Min 100% Sur 100%				
61					160			
15 49	NE1/4 NE1/4	8	40.00	Min 100% Sur 100%				
15 49	NW1/4 NE1/4	8	40.00	Min 100% Sur 100%				
15 49	SE1/4 NE1/4	8	40.00	Min 100% Sur 100%				
15 49	SW1/4 NE1/4	8	40.00	Min 100% Sur 100%				
62					80			
15 49	NW1/4 NW1/4	8	40.00	Min 100% Sur 100%				
15 49	SW1/4 NW1/4	8	40.00	Min 100% Sur 100%				
N-63					80			
	NE1/4 NW1/4	8	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	8	40.00	Min 100% Sur 100%				
64					120			
15 49	NE1/4 SE1/4	8	40.00	Min 100% Sur 100%				
15 49	NW1/4 SE1/4	8	40.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	8	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T17N R02E								
N-65	SW1/4 SE1/4	8	40.00	Min 100% Sur 100%	40			
66 15 49	NE1/4 SW1/4	8	40.00	Min 100% Sur 100%	40			
N-67	NW1/4 SW1/4	8	40.00	Min 100% Sur 100%	120			
	SE1/4 SW1/4	8	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	8	40.00	Min 100% Sur 100%				
68 15 49	NE1/4 NE1/4	9	40.00	Min 100% Sur 100%	80			
15 49	SE1/4 NE1/4	9	40.00	Min 100% Sur 100%				
N-69	NW1/4 NE1/4	9	40.00	Min 100% Sur 100%	80			
	SW1/4 NE1/4	9	40.00	Min 100% Sur 100%				
70 15 49	NE1/4 NW1/4	9	40.00	Min 100% Sur 100%	40			
N-71	SE1/4 NW1/4	9	40.00	Min 100% Sur 100%	40			
72 15 49	SE1/4 SE1/4	9	40.00	Min 100% Sur 100%	40			
N-73	NE1/4 SE1/4	9	40.00	Min 100% Sur 100%	120			
	NW1/4 SE1/4	9	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	9	40.00	Min 100% Sur 100%				
74 15 49	SW1/4 SW1/4	9	40.00	Min 100% Sur 100%	40			
N-75	NE1/4 SW1/4	9	40.00	Min 100% Sur 100%	120			
	NW1/4 SW1/4	9	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T17N R02E								
N-75	(Continued) SE1/4 SW1/4	9	40.00	Min 100% Sur 100%				
76 15 49	NW1/4 NW1/4	10	40.00	Min 100% Sur 100%	80			
15 49	SW1/4 NW1/4 existing easements.	10	40.00	Min 100% Sur 100%				
	Subject to							
77 15 49	W1/2 NW1/4 SW1/4	10	20.00	Min 100% Sur 100%	20			
Gladwin County								
T17N R02W								
78 70	SE1/4 SE1/4	16	40.00	Min 100% Sur 0%	40			
N-79	SE1/4 SW1/4	16	40.00	Min 100% Sur 0%	40			
Gladwin County								
T18N R02E								
80 15	NE1/4 NW1/4	20	40.00	Min 100% Sur 100%	80			
15	SE1/4 NW1/4	20	40.00	Min 100% Sur 100%				
N-81	SW1/4 NW1/4 except S 125 feet of the N 225 feet of W 150 feet thereof	20	39.57	Min 100% Sur 100%	40			
82 15	NW1/4 SE1/4	20	40.00	Min 100% Sur 100%	40			
83 15	SW1/4 SW1/4	20	40.00	Min 100% Sur 100%	40			
N-84	N1/2 N1/2 SW1/4 except the W 13 rods of the N 121/2 rods thereof	20	38.98	Min 100% Sur 100%	120			
	S1/2 N1/2 SW1/4	20	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	20	40.00	Min 100% Sur 100%				
	West 13 rods of North 121/2 rods of NW1/4 of SW1/4.	20	1.02	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T18N R02E								
85					80			
15	SE1/4 NE1/4	21	40.00	Min 100%				
19				Sur 100%				
49								
15	SW1/4 NE1/4	21	40.00	Min 100%				
19				Sur 100%				
49								
N-86					80			
	NE1/4 NE1/4	21	40.00	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	21	40.00	Min 100%				
				Sur 100%				
87					120			
15	NW1/4 NW1/4	21	40.00	Min 100%				
				Sur 100%				
15	SE1/4 NW1/4	21	40.00	Min 100%				
19				Sur 100%				
49								
15	SW1/4 NW1/4	21	40.00	Min 100%				
				Sur 100%				
N-88					40			
	NE1/4 NW1/4	21	40.00	Min 100%				
				Sur 100%				
89					160			
15	NE1/4 SE1/4	21	40.00	Min 100%				
19				Sur 100%				
15	NW1/4 SE1/4	21	40.00	Min 100%				
19				Sur 100%				
15	SE1/4 SE1/4	21	40.00	Min 100%				
19				Sur 100%				
49								
15	SW1/4 SE1/4	21	40.00	Min 100%				
19				Sur 100%				
90					40			
15	NE1/4 SW1/4	21	40.00	Min 100%				
19				Sur 100%				
N-91					40			
	SE1/4 SW1/4	21	40.00	Min 100%				
				Sur 100%				
92					80			
15	NE1/4 NE1/4	28	40.00	Min 100%				
				Sur 100%				
15	NW1/4 NE1/4	28	40.00	Min 100%				
				Sur 100%				
N-93					80			
	SE1/4 NE1/4	28	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE1/4	28	40.00	Min 100%				
				Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T18N R02E								
N-94					160			
	NE1/4 NW1/4	28	40.00	Min 100% Sur 100%				
	NW1/4 NW1/4	28	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	28	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	28	40.00	Min 100% Sur 100%				
95					160			
15	NE1/4 SE1/4	28	40.00	Min 100% Sur 100%				
15	NW1/4 SE1/4	28	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4	28	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	28	40.00	Min 100% Sur 100%				
96					160			
15	NE1/4 SW1/4	28	40.00	Min 100% Sur 100%				
15	NW1/4 SW1/4	28	40.00	Min 100% Sur 100%				
15	SE1/4 SW1/4	28	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	28	40.00	Min 100% Sur 100%				
N-97					160			
	NE1/4 NE1/4	29	40.00	Min 100% Sur 0%				
	NW1/4 NE1/4	29	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	29	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	29	40.00	Min 100% Sur 100%				
98					80			
15	NE1/4 NW1/4	29	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4	29	40.00	Min 100% Sur 100%				
N-99					80			
	SE1/4 NW1/4	29	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	29	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T18N R02E								
100					160			
15	NE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
15	NW1/4 SE1/4	29	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	29	40.00	Min 100% Sur 100%				
101					120			
15	NE1/4 SW1/4	29	40.00	Min 100% Sur 100%				
15	SE1/4 SW1/4	29	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
N-102					40			
	NW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
103					80			
15	NW1/4 NW1/4	32	40.00	Min 100% Sur 100%				
15	SE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
N-104					80			
	NE1/4 NW1/4	32	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	32	40.00	Min 100% Sur 100%				
105					40			
15	NE1/4 SE1/4	32	40.00	Min 100% Sur 100%				
N-106					120			
	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%				
107					40			
15	NW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
N-108					120			
	NE1/4 SW1/4	32	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	32	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Gladwin County								
T18N R02E								
N-108	(Continued) SW1/4 SW1/4	32	40.00	Min 100% Sur 100%				
109 15	NE1/4 NE1/4	33	40.00	Min 100% Sur 100%	40			
N-110	NW1/4 NE1/4	33	40.00	Min 100% Sur 100%	120			
	SE1/4 NE1/4	33	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	33	40.00	Min 100% Sur 100%				
111 15	NW1/4 NW1/4	33	40.00	Min 100% Sur 100%	120			
15	SE1/4 NW1/4	33	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	33	40.00	Min 100% Sur 100%				
N-112	NE1/4 NW1/4	33	40.00	Min 100% Sur 100%	40			
113 15	NE1/4 SE1/4	33	40.00	Min 100% Sur 100%	80			
15	NW1/4 SE1/4	33	40.00	Min 100% Sur 100%				
N-114	SE1/4 SE1/4	33	40.00	Min 100% Sur 100%	80			
	SW1/4 SE1/4	33	40.00	Min 100% Sur 100%				
115 15	NE1/4 SW1/4	33	40.00	Min 100% Sur 100%	120			
15	NW1/4 SW1/4	33	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	33	40.00	Min 100% Sur 100%				
N-116	SE1/4 SW1/4	33	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
Gladwin County								
T20N R01E								
117 15	NE1/4 NW1/4	21	40.00	Min 100% Sur 100%	40			
118 15	SE1/4 SW1/4	21	40.00	Min 100% Sur 100%	40			
119 15	NE1/4 NE1/4	22	40.00	Min 100% Sur 100%	120			
15	NW1/4 NE1/4	22	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4	22	40.00	Min 100% Sur 100%				
N-120	SE1/4 NE1/4	22	40.00	Min 100% Sur 100%	40			
121 15	NE1/4 SE1/4	22	40.00	Min 100% Sur 100%	160			
15	NW1/4 SE1/4	22	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4	22	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	22	40.00	Min 100% Sur 100%				
122 15	NE1/4 SW1/4 existing easements.	Subject to 22	40.00	Min 100% Sur 100%	80			
15	NW1/4 SW1/4 existing easements.	Subject to 22	40.00	Min 100% Sur 100%				
123 15	NE1/4 NE1/4	27	40.00	Min 100% Sur 100%	80			
15	SE1/4 NE1/4	27	40.00	Min 100% Sur 100%				
N-124	NW1/4 NE1/4	27	40.00	Min 100% Sur 100%	80			
	SW1/4 NE1/4	27	40.00	Min 100% Sur 100%				
125 15	NE1/4 NW1/4	27	40.00	Min 100% Sur 100%	40			
N-126	NW1/4 NW1/4 existing easements.	Subject to 27	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
Gladwin County T20N R01E								
127 15	SW1/4 SE1/4 existing easements. Subject to	27	40.00	Min 100% Sur 100%	40			
N-128	NE1/4 SE1/4 existing easements. Subject to	27	40.00	Min 100% Sur 100%	120			
	NW1/4 SE1/4 existing easements. Subject to	27	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	27	40.00	Min 100% Sur 100%				
N-129	NE1/4 NE1/4	28	40.00	Min 100% Sur 0%	80			
	NW1/4 NE1/4	28	40.00	Min 100% Sur 0%				
130 15	NE1/4 NW1/4	28	40.00	Min 100% Sur 100%	139			
15	NW1/4 NW1/4	28	29.50	Min 100% Sur 100%				
15	SE1/4 NW1/4	28	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	28	28.87	Min 100% Sur 100%				
131 15	SE1/4 SE1/4	28	40.00	Min 100% Sur 100%	40			
N-132	SW1/4 SE1/4	28	40.00	Min 100% Sur 100%	40			
Gladwin County T20N R01W								
N-133	NW1/4 NW1/4	18	31.14	Min 100% Sur 0%	32			

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County T25N R11W								
134 15 49	SW1/4 NE1/4	33	40.00	Min 100% Sur 100%	40			
N-135	NW1/4 NE1/4	33	40.00	Min 100% Sur 100%	40			
136 15	NE1/4 NW1/4	33	40.00	Min 100% Sur 100%	80			
15 20	SE1/4 NW1/4 existing easements.	33	40.00	Min 100% Sur 100%				
	Subject to							
137 15 33	NE1/4 SW1/4	33	40.00	Min 100% Sur 100%	80			
15	SW1/4 SW1/4 existing easements.	33	40.00	Min 100% Sur 100%				
	Subject to							
Grand Traverse County T25N R12W								
138 15	NW1/4 NE1/4	6	47.79	Min 100% Sur 100%	48			
N-139	NE1/4 NW1/4 existing easements.	10	40.00	Min 100% Sur 100%	40			
	Subject to							
Grand Traverse County T26N R09W								
140 15 19	SW1/4 NE1/4 existing easements.	10	40.00	Min 100% Sur 100%	40			
	Subject to							
Grand Traverse County T26N R11W								
141 15 20	NE1/4 NW1/4	15	40.00	Min 100% Sur 100%	120			
15 19	SE1/4 NW1/4	15	40.00	Min 100% Sur 100%				
15 19	SW1/4 NW1/4	15	40.00	Min 100% Sur 100%				
N-142	NW1/4 NW1/4	15	40.00	Min 100% Sur 100%	40			

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Grand Traverse County								
T27N R09W								
143					160			
15	NE1/4 NW1/4 existing easements.	27	40.00	Min 100% Sur 100%				
15	NW1/4 NW1/4	27	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	27	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	27	40.00	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ingham County								
T01N R01E								
N-144	NE1/4 NE1/4	4	49.63	Min 100% Sur 100%	182			
	NW1/4 NE1/4	4	51.83	Min 100% Sur 100%				
	SE1/4 NE1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	4	40.00	Min 100% Sur 100%				
N-145	N 33 rds of NE1/4 of NW1/4	4	16.50	Min 100% Sur 100%	186			
	N 33 rds of NW1/4 NW1/4	4	16.50	Min 100% Sur 100%				
	NE1/4 NW1/4 exc N 16.50 acres	4	36.10	Min 100% Sur 100%				
	NW1/4 NW1/4 exc N 16.50 acres	4	36.10	Min 100% Sur 100%				
	SE1/4 NW1/4	4	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	4	40.00	Min 100% Sur 100%				
N-146	NE1/4 SE1/4 Subject to existing easements.	4	40.00	Min 100% Sur 100%	80			
	NW1/4 SE1/4 except beginning at the SW corner of NW1/4 of SE1/4 of said Sec. 4, thence North 5 chains, thence East 2.75 chains, thence South 5 chains, thence West 2.75 chains to point of beginning. Subject to existing easements.	4	38.62	Min 100% Sur 100%				
	Part of NW1/4 of SE1/4 beginning at the SW corner of NW1/4 of SE1/4 of said Sec. 4, thence North 5 chains, thence East 2.75 chains, thence South 5 chains, thence West 2.75 chains to point of beginning	4	1.38	Min 100% Sur 0%				
N-147	N1/2 SE1/4 E of Potter Road and N of Extension of Batesse Drain	5	14.43	Min 100% Sur 100%	15			
Ingham County								
T02N R01E								
N-148	NW1/4 of SW1/4 S of Highway	28	33.00	Min 100% Sur 100%	73			
	SW1/4 of SW1/4	28	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ingham County								
T02N R01E								
N-149	E 40 acres of S 60 acres of N fractional half of Section 30	30	40.00	Min 100% Sur 100%	60			
	S 60 acres of N fractional half of Section 30, except the E 40 acres thereof	30	20.00	Min 100% Sur 100%				
N-150	East 40 acres of the N1/2 of the S fractional half of Section 30	30	40.00	Min 100% Sur 100%	86			
	The South 1/4 of the East 80 acres of the South 1/2 of Fractional Section 30 (per deed); also described as the South 1/2 of the South Fractional 1/2 of Section 30, T02N, R01E EXCEPT the West 25 acres thereof (based on P-937 dated 03/16/1942 from Thomas H. Hanna).	30	20.30	Min 50% Sur 100%				
	West 25 acres of the S half of S fractional half of Section 30	30	25.00	Min 100% Sur 100%				
N-151	N1/2 EXC part of E 80 acres N of Hwy within NW1/4 NE1/4	31	29.75	Min 100% Sur 100%	100			
	N1/2 EXC part of E 80 acres N of Hwy within SE1/4 NE1/4	31	40.00	Min 100% Sur 100%				
	N1/2 EXC part of E 80 acres N of Hwy within SW1/4 NE1/4	31	29.75	Min 100% Sur 100%				
N-152	NE1/4 NW1/4	32	40.00	Min 100% Sur 100%	80			
	SE1/4 NW1/4 ex. South 1300 ft of that part of SE1/4 NW1/4 lying West of public road right of way and reservation of the right to flood water over, through, under and upon said land, to a height not to exceed 951 ft sea level datum.	32	16.04	Min 100% Sur 100%				
	South 1300 ft of that part of SE1/4 NW1/4 lying West of public road right of way and reservation of the right to flood water over, through, under and upon said land, to a height not to exceed 951 ft sea level datum.	32	23.96	Min 100% Sur 0%				
N-153	NE1/4 SE1/4	32	40.00	Min 100% Sur 100%	160			
	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%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ingham County								
T02N R01E								
N-154	Lot 2 (SE1/4 SE1/4)	33	39.47	Min 100% Sur 100%	160			
	NE1/4 SE1/4	33	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	33	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	33	40.00	Min 100% Sur 100%				
N-155	NE1/4 SW1/4	33	40.00	Min 100% Sur 100%	160			
	NW1/4 SW1/4	33	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	33	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	33	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T27N R08W								
156					28			
15 19 49 68	SE1/4 SE1/4 except that portion which lies W'ly of Valley Road and N'ly of the S'ly 330 feet thereof Subject to existing easements.	1	27.50	Min 100% Sur 100%				
N-157					3			
	S'ly 330 feet of E'ly 330 feet of SW1/4 SE1/4 Subject to existing easements.	1	2.50	Min 100% Sur 100%				
Kalkaska County								
T28N R07W								
160					40			
23	E 1/2 of the NW 1/4 of the SE 1/4 EXCEPT that part of the following description lying within the E 1/2 of the NW 1/4 of the SE 1/4: Commence at the South 1/4 Corner of said Section 35; thence South 88°35'29" West 35.02 feet along the South line of Section 35 to the centerline of an existing access road; thence the following seven courses and distances along the centerline of said access road 1) North 18°19'26" East 105.56 feet to the North and South 1/4 line of Section 35; 2) thence continue North 18°19'26" East 443.81 feet to the P.C. of a curve; 3) thence Northeasterly 277.58 feet along the arc of a curve to the left, said curve having a radius of 863.30 feet, a central angle of 18°25'22" and a chord which bears North 09°06'45" East 276.39 feet; 4) thence North 00°07'38" West 239.57 feet to the P. C. of a curve; 5) thence Northwesterly 211.54 feet along the arc of a curve to the left, said curve having a radius of 426.40 feet, a central angle of 28°25'31" and a chord which bears North 14°20'38" West 209.38 feet; 6) thence North 28°33'38" West 16.39 feet to the P.C. of a curve; 7) thence Northwesterly along a curve to the right 380.96 feet, said curve having a radius of 766.90 feet, a central angle of 28°27'41" and a chord which bears North 14°19'47" West 377.05 feet; thence North 88°57'34" East 392.35 feet; thence South 01°02'26" East 224.96 feet; thence North 88°57'34" East 785.00 feet; thence South 01°25'12" East 1381.75 feet to the South line of Section 35; thence South 88°34'48" West 1243.78 feet to the Point of Beginning. Subject to existing easements.	35	19.10	Min 100% Sur 100%				

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T28N R07W								
160	(Continued)							
15	E 1/2 of the SW 1/4 of the SE 1/4 EXCEPT that part of the following description lying within the E 1/2 of the SW 1/4 of the SE 1/4: Commence at the South ¼ Corner of said Section 35; thence South 88°35'29" West 35.02 feet along the South line of Section 35 to the centerline of an existing access road; thence the following seven courses and distances along the centerline of said access road 1) North 18°19'26" East 105.56 feet to the North and South ¼ line of Section 35; 2) thence continue North 18°19'26" East 443.81 feet to the P.C. of a curve; 3) thence Northeasterly 277.58 feet along the arc of a curve to the left, said curve having a radius of 863.30 feet, a central angle of 18°25'22" and a chord which bears North 09°06'45" East 276.39 feet; 4) thence North 00°07'38" West 239.57 feet to the P. C. of a curve; 5) thence Northwesterly 211.54 feet along the arc of a curve to the left, said curve having a radius of 426.40 feet, a central angle of 28°25'31" and a chord which bears North 14°20'38" West 209.38 feet; 6) thence North 28°33'38" West 16.39 feet to the P.C. of a curve; 7) thence Northwesterly along a curve to the right 380.96 feet, said curve having a radius of 766.90 feet, a central angle of 28°27'41" and a chord which bears North 14°19'47" West 377.05 feet; thence North 88°57'34" East 392.35 feet; thence South 01°02'26" East 224.96 feet; thence North 88°57'34" East 785.00 feet; thence South 01°25'12" East 1381.75 feet to the South line of Section 35; thence South 88°34'48" West 1243.78 feet to the Point of Beginning. Subject to existing easements.	35	2.30	Min 100% Sur 100%				
19								
23								

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T28N R07W								
160	(Continued)							
23	<p>That part of the following description lying within the E 1/2 of the NW 1/4 of the SE 1/4: Commence at the South ¼ Corner of said Section 35; thence South 88°35'29" West 35.02 feet along the South line of Section 35 to the centerline of an existing access road; thence the following seven courses and distances along the centerline of said access road 1) North 18°19'26" East 105.56 feet to the North and South ¼ line of Section 35; 2) thence continue North 18°19'26" East 443.81 feet to the P.C. of a curve; 3) thence Northeasterly 277.58 feet along the arc of a curve to the left, said curve having a radius of 863.30 feet, a central angle of 18°25'22" and a chord which bears North 09°06'45" East 276.39 feet; 4) thence North 00°07'38" West 239.57 feet to the P. C. of a curve; 5) thence Northwesterly 211.54 feet along the arc of a curve to the left, said curve having a radius of 426.40 feet, a central angle of 28°25'31" and a chord which bears North 14°20'38" West 209.38 feet; 6) thence North 28°33'38" West 16.39 feet to the P.C. of a curve; 7) thence Northwesterly along a curve to the right 380.96 feet, said curve having a radius of 766.90 feet, a central angle of 28°27'41" and a chord which bears North 14°19'47" West 377.05 feet; thence North 88°57'34" East 392.35 feet; thence South 01°02'26" East 224.96 feet; thence North 88°57'34" East 785.00 feet; thence South 01°25'12" East 1381.75 feet to the South line of Section 35; thence South 88°34'48" West 1243.78 feet to the Point of Beginning. Subject to existing easements.</p>	35	0.90	Min 100% Sur 0%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Kalkaska County								
T28N R07W								
160	(Continued)							
19	That part of the following description lying within	35	17.70	Min 100%				
23	the E 1/2 of the SW 1/4 of the SE 1/4:			Sur 0%				
69	Commence at the South ¼ Corner of said Section 35; thence South 88°35'29" West 35.02 feet along the South line of Section 35 to the centerline of an existing access road; thence the following seven courses and distances along the centerline of said access road 1) North 18°19'26" East 105.56 feet to the North and South ¼ line of Section 35; 2) thence continue North 18°19'26" East 443.81 feet to the P.C. of a curve; 3) thence Northeasterly 277.58 feet along the arc of a curve to the left, said curve having a radius of 863.30 feet, a central angle of 18°25'22" and a chord which bears North 09°06'45" East 276.39 feet; 4) thence North 00°07'38" West 239.57 feet to the P. C. of a curve; 5) thence Northwesterly 211.54 feet along the arc of a curve to the left, said curve having a radius of 426.40 feet, a central angle of 28°25'31" and a chord which bears North 14°20'38" West 209.38 feet; 6) thence North 28°33'38" West 16.39 feet to the P.C. of a curve; 7) thence Northwesterly along a curve to the right 380.96 feet, said curve having a radius of 766.90 feet, a central angle of 28°27'41" and a chord which bears North 14°19'47" West 377.05 feet; thence North 88°57'34" East 392.35 feet; thence South 01°02'26" East 224.96 feet; thence North 88°57'34" East 785.00 feet; thence South 01°25'12" East 1381.75 feet to the South line of Section 35; thence South 88°34'48" West 1243.78 feet to the Point of Beginning. Subject to existing easements.							

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Manistee County								
T22N R16W								
N-161	Pt SW 1/4 com 450 ft W & 33 ft N of S 1/4 Cor, N 170 ft, W 256.2 ft, S 170 ft, E 256.2 ft to POB	1	1.00	Min 100% Sur 0%	1			
N-162 44 63	Parcel 53Hwy US-31 r/w lying within the SE1/4 SW1/4 Sec. 14, T22N-R16W.	14	0.60	Min 100% Sur 0%	1			
N-163	NW1/4 NE1/4	25	40.00	Min 100% Sur 100%	40			
N-164	NE1/4 NW1/4 existing easements. Subject to	25	40.00	Min 100% Sur 100%	40			
Manistee County								
T24N R13W								
165 69	SE1/4 NE1/4	15	40.00	Min 100% Sur 0%	80			
69	SW1/4 NE1/4	15	40.00	Min 100% Sur 0%				
N-166	A 100 ft. wide former RR ROW traversing over and across the NE 1/4 of SE 1/4.	15	1.34	Min 100% Sur 100%	3			
	A 100 ft. wide former RR ROW traversing over and across the NW 1/4 of SE 1/4.	15	1.34	Min 100% Sur 100%				
Manistee County								
T24N R14W								
N-167	NE1/4 SE1/4 existing easements. Subject to	14	40.00	Min 100% Sur 100%	80			
	SW1/4 SE1/4	14	40.00	Min 100% Sur 0%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Midland County								
T13N R01W								
168					55			
16 70	NW1/4 NE1/4	4	34.55	Min 100% Sur 0%				
16 70	W1/2 SW1/4 NE1/4	4	20.00	Min 100% Sur 0%				
N-169					35			
	A parcel desc as commencing 400 ft S of NE Sec corner, th W 700 ft, S 350 ft, E 700 ft, N 350 ft	4	5.62	Min 100% Sur 0%				
	Frac'l NE1/4 of Frac'l NE1/4 except commencing 400 feet South of Northeast section corner, thence West 700 feet, South 350 feet East 700 feet, North 350 feet	4	28.60	Min 100% Sur 0%				
170					151			
16 70	NE1/4 NW1/4	4	34.89	Min 100% Sur 0%				
16 70	NW1/4 NW1/4	4	35.23	Min 100% Sur 0%				
16 70	SE1/4 NW1/4	4	40.00	Min 100% Sur 0%				
16 70	SW1/4 NW1/4	4	40.00	Min 100% Sur 0%				
N-171					1			
	*Com 247.5 ft W of SE Sec cor, th N 181.5 ft, SW alg Rd to Sec ln, E to pob.	4	0.80	Min 100% Sur 0%				
Midland County								
T16N R01W								
172					80			
15	The North 1/2 of the Southeast 1/4	29	80.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Montmorency County								
T32N R02E								
N-173					144			
	NE1/4 NW1/4	2	31.69	Min 100% Sur 100%				
	NW 1/4 NW1/4	2	32.23	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-174					160			
	NE1/4 SW1/4	2	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	2	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	2	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	2	40.00	Min 100% Sur 100%				
N-175					145			
	NE1/4 NE1/4	3	32.37	Min 100% Sur 100%				
	NW1/4 NE1/4	3	32.11	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-176					144			
	SE1/4 NW1/4	3	40.00	Min 100% Sur 100%				
	NE1/4 NW1/4	3	31.85	Min 100% Sur 100%				
	NW1/4 NW1/4	3	31.51	Min 100% Sur 100%				
	SW1/4 NW1/4	3	40.00	Min 100% Sur 100%				
N-177					160			
	NE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
	NW1/4 SE1/4	3	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	3	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Montmorency County								
T32N R02E								
N-178	NE1/4 SW1/4	3	40.00	Min 100% Sur 100%	160			
	NW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SE1/4 SW1/4	3	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	3	40.00	Min 100% Sur 100%				
N-179	NE1/4 NE1/4	9	40.00	Min 100% Sur 100%	160			
	NW1/4 NE1/4 existing easements.	9	40.00	Min 100% Sur 100%		Subject to		
	SE1/4 NE1/4	9	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4 existing easements.	9	40.00	Min 100% Sur 100%		Subject to		
N-180	NE1/4 SE1/4 existing easements.	9	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4 existing easements.	9	40.00	Min 100% Sur 100%		Subject to		
	SE1/4 SE1/4 existing easements.	9	40.00	Min 100% Sur 100%		Subject to		
	SW1/4 SE1/4 existing easements.	9	40.00	Min 100% Sur 100%		Subject to		
Montmorency County								
T32N R03E								
181 15 49	NE1/4 NE1/4 existing easements.	30	40.00	Min 100% Sur 100%	160			
	NW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	30	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
182 15 49	NE1/4 NW1/4	30	40.00	Min 100% Sur 100%	162			
	NW1/4 NW1/4	30	40.84	Min 100% Sur 100%				
	SE1/4 NW1/4	30	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Montmorency County								
T32N R03E								
182	(Continued)							
15 49	SW1/4 NW1/4	30	40.79	Min 100% Sur 100%				
183					160			
15 49	NE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15 49	NW1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15 49	SE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15 49	SW1/4 SE1/4	30	40.00	Min 100% Sur 100%				
184					121			
15 49	NE1/4 SW1/4	30	40.00	Min 100% Sur 100%				
15 49	NW1/4 SW1/4	30	40.73	Min 100% Sur 100%				
15 49	SE1/4 SW1/4	30	40.00	Min 100% Sur 100%				
N-185					41			
	SW1/4 SW1/4	30	40.67	Min 100% Sur 100%				
N-186					40			
	SW1/4 NE1/4	31	40.00	Min 100% Sur 100%				
187					41			
15 49	NW1/4 NW1/4	31	40.48	Min 100% Sur 100%				
N-188					37			
	LOT 1	31	37.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Ogemaw County								
T24N R01E								
189					164			
6	NE1/4 SW1/4	19	40.00	Min 100%				
15				Sur 100%				
16								
19								
6	NW1/4 SW1/4	19	41.50	Min 100%				
15				Sur 100%				
16								
6	SE1/4 SW1/4	19	40.00	Min 100%				
15				Sur 100%				
16								
19								
6	SW1/4 SW1/4	19	41.83	Min 100%				
15	existing easements.	Subject to		Sur 100%				
19								
190					165			
6	NE1/4 NW1/4	30	40.00	Min 100%				
15	existing easements.	Subject to		Sur 100%				
16								
15	NW1/4 NW1/4	30	42.07	Min 100%				
	existing easements.	Subject to		Sur 100%				
15	SE1/4 NW1/4	30	40.00	Min 100%				
49				Sur 100%				
15	SW1/4 NW1/4	30	42.22	Min 100%				
49				Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Otsego County T31N R01W							
191 49	*Beg 2200.5 ft E of W 1/4 cor th E 220.05 ft S 2049.88 ft W 220 ft N 2047.03 ft to pob Parcel C1	7	5.17	Min 50% Sur 0%	6			

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Presque Isle County								
T33N R02E								
N-192	SE1/4 SE1/4	2	40.00	Min 100% Sur 0%	40			
	Presque Isle County							
T34N R04E								
N-193	NE1/4 SE1/4	13	40.00	Min 100% Sur 100%	160			
	NW1/4 SE1/4	13	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	13	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	13	40.00	Min 100% Sur 100%				

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Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Roscommon County								
T21N R04W								
194					160			
15	NE1/4 NW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
20								
15	NW1/4 NW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
15	SE1/4 NW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
20								
49								
15	SW1/4 NW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
49								
195					120			
15	NE1/4 SW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
20								
49								
15	NW1/4 SW1/4	Subject to	29	40.00	Min 100%			
16	existing easements.				Sur 100%			
19								
15	SE1/4 SW1/4		29	40.00	Min 100%			
16					Sur 100%			
19								
20								
49								
N-196					40			
	SW1/4 SW1/4	Subject to	29	40.00	Min 100%			
	existing easements.				Sur 100%			
Roscommon County								
T24N R01W								
197					160			
49	NE1/4 SW1/4		13	40.00	Min 100%			
					Sur 100%			
15	NW1/4 SW1/4		13	40.00	Min 100%			
49					Sur 100%			
	SE1/4 SW1/4		13	40.00	Min 100%			
					Sur 100%			
15	SW1/4 SW1/4		13	40.00	Min 100%			
49					Sur 100%			

Mineral Auction Catalog

Oil And Gas Lease Auction Wednesday May 4, 2016

Offering Number	Description	Section	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Saginaw County T12N R02E							
N-198	*Ely 250 ft of Wly 594 ft of Sly 506 ft of E1/2 of SW1/4	33	2.90	Min 100% Sur 0%	3			

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, Office of Minerals Management, Michigan Department of Natural Resources, PO Box 30452, Lansing MI 48909.

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