

API NUMBER: 043 23742

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

Approval Date: 02/16/2022
Expiration Date: 08/16/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 19N Range: 14W County: DEWEY

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 425 2215

Lease Name: RHEA Well No: 2-33MHX Well will be 425 feet from nearest unit or lease boundary.
Operator Name: CRAWLEY PETROLEUM CORPORATION Telephone: 4052329700 OTC/OCC Number: 7980 0

CRAWLEY PETROLEUM CORPORATION
105 N HUDSON AVE STE 800
OKLAHOMA CITY, OK 73102-4803

JESSEE W & RHEA J ELLIOTT
60722 N 2390 ROAD
SEILING OK 73663

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Code	Depth
1	MISSISSIPPI SOLID	351MSSSD	9550
2	MISSISSIPPIAN (LESS CHESTER)	359MSNLC	9700

Spacing Orders: 709326	Location Exception Orders: 709327	Increased Density Orders: 709328
222494	723043	708976
682104		723044
723042		723045

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19663 Ground Elevation: 1817

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38127
H. (Other) SEE MEMO

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: WATER BASED
Chlorides Max: 20000 Average: 5000
Is depth to top of ground water greater than 10ft below base of pit? Y
Within 1 mile of municipal water well? N
Wellhead Protection Area? N
Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1B
Liner required for Category: 1B
Pit Location is: BED AQUIFER
Pit Location Formation: RUSH SPRINGS

PIT 2 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 200000
Is depth to top of ground water greater than 10ft below base of pit? Y
Within 1 mile of municipal water well? N
Wellhead Protection Area? N
Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A
Liner required for Category: 1A
Pit Location is: BED AQUIFER
Pit Location Formation: RUSH SPRINGS

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

MULTI UNIT HOLE 1

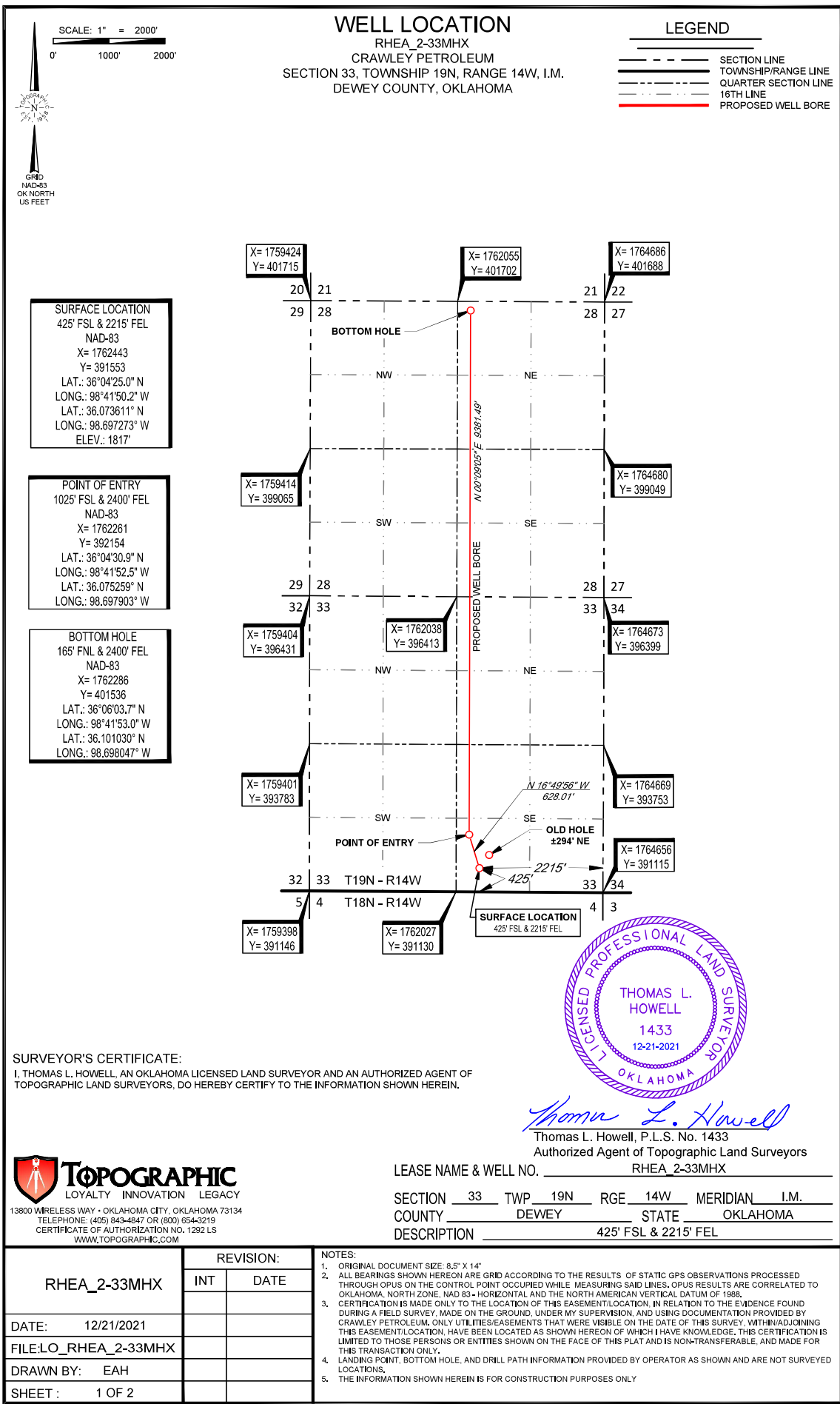
Section: 28	Township: 19N	Range: 14W	Meridian: IM	Total Length: 9416
	County: DEWEY			Measured Total Depth: 19663
Spot Location of End Point: NW	NW	NW	NE	True Vertical Depth: 9737
Feet From: NORTH		1/4 Section Line: 165		End Point Location from
Feet From: EAST		1/4 Section Line: 2400		Lease, Unit, or Property Line: 165

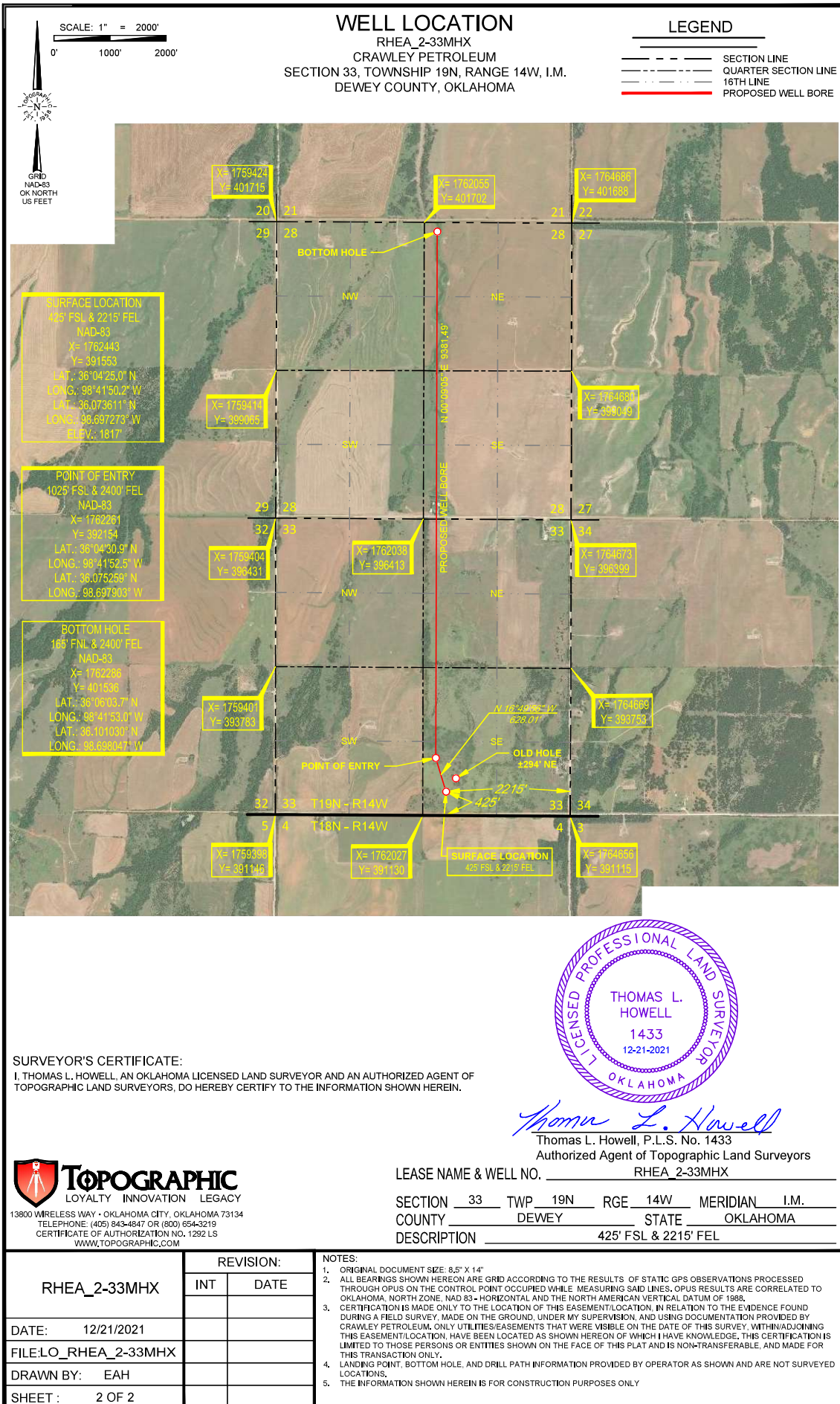
NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[2/15/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
INCREASED DENSITY - 708976	<p>[2/16/2022 - G56] - 33-19N-14W X682104 MSNLC 2 WELLS NO OP NAMED 2/20/2020</p>
INCREASED DENSITY - 709328	<p>[2/16/2022 - G56] - 28-19N-14W X222494 MSSSD 2 WELLS NO OP NAMED 2/28/2020</p>
INCREASED DENSITY - 723044	[2/16/2022 - G56] - EXT OF TIME FOR ORDER # 709328
INCREASED DENSITY - 723045	[2/16/2022 - G56] - EXT OF TIME FOR ORDER # 708976
INTERMEDIATE CASING	[2/15/2022 - GC2] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 709327	<p>[2/16/2022 - G56] - (I.O.) 28 & 33-19N-14W X682104 MSNLC 33-19N-14W X222494 MSSSD 28-19N-14W COMPL INT (33-19N-14W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (28-19N-14W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP NAMED 2/28/2020</p>
LOCATION EXCEPTION - 723043	[2/16/2022 - G56] - EXT OF TIME FOR ORDER # 709327
MEMO	[2/15/2022 - GC2] - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 222494	<p>[2/16/2022 - G56] - (640) 28-19N-14W EXT OTHER EXT 181343 MSSSD, OTHERS</p>
SPACING - 682104	<p>[2/16/2022 - G56] - (640)(HOR) 33-19N-14W EXT 671218 MSNLC, OTHER COMPL INT NCT 660' FB</p>
SPACING - 709326	<p>[2/16/2022 - G56] - (I.O.) 28 & 33-19N-14W EST MULTIUNIT HORIZONTAL WELL X682104 MSNLC 33-19N-14W X222494 MSSSD 28-19N-14W 50% 33-19N-14W 50% 28-19N-14W NO OP NAMED 2/28/2020</p>
SPACING - 723042	[2/16/2022 - G56] - EXT OF TIME FOR ORDER # 709326

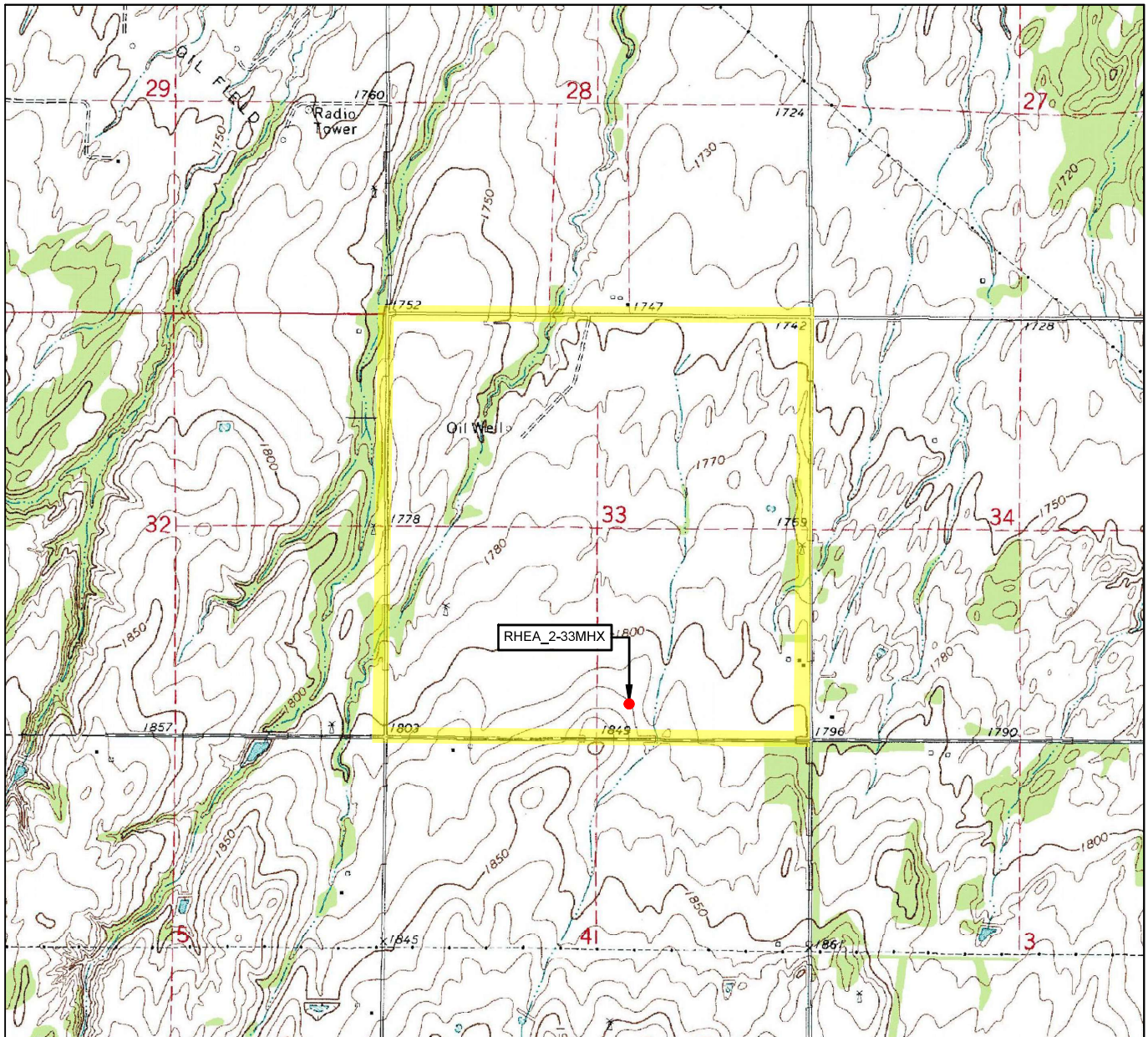
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043 23742 RHEA 2-33MHX





LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. RHEA_2-33MHX

SECTION 33 TWP 19N RGE 14W MERIDIAN I.M.

COUNTY DEWEY STATE OKLAHOMA

DESCRIPTION 425' FSL & 2215' FEL

ELEVATION 1817'



SCALE: 1" = 2000'
0' 1000' 2000'

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY CRAWLEY PETROLEUM. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

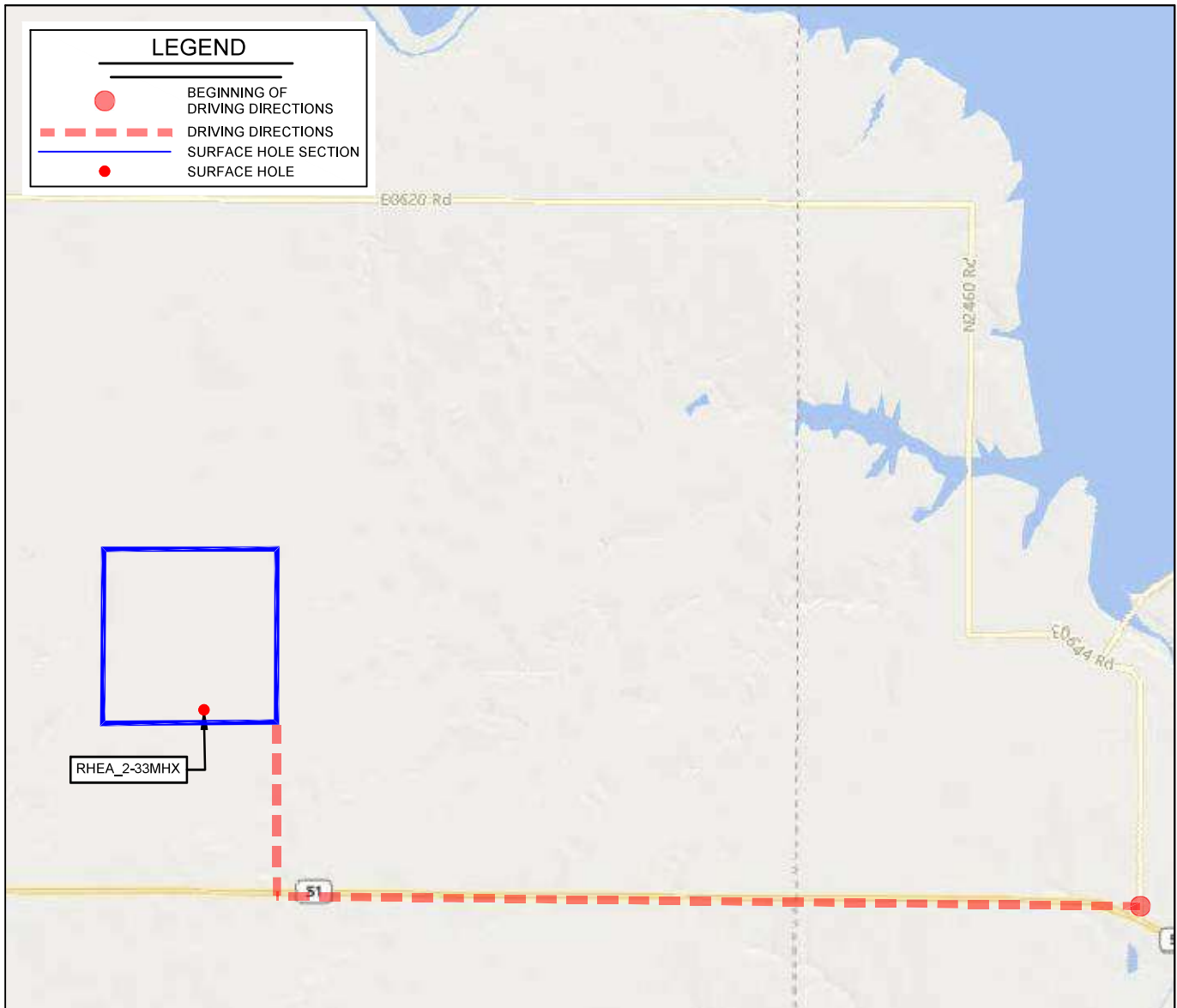
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

VICINITY MAP



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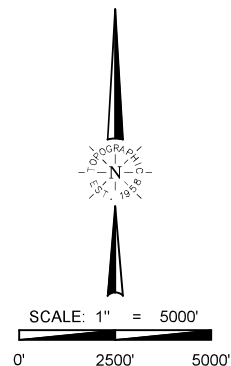
DESCRIPTION 425' FSL & 2215' FEL

DISTANCE & DIRECTION

FROM HWY 58A AND W PINE IN CANTON OKLAHOMA, GO FIVE MILES
WEST ON HWY 51 TO N2420 RD, TAKE N2420 RD NORTH 1 MILE TO
THE SE CORNER OF SECTION 33.

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