

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

API NUMBER: 045 23869

Approval Date: 07/07/2022
Expiration Date: 01/07/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 35 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: NE NE NW NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**
SECTION LINES: **230** **1060**

Lease Name: **SARAH 35/2 DM** Well No: **1H** Well will be **230** feet from nearest unit or lease boundary.
Operator Name: **MEWBOURNE OIL COMPANY** Telephone: 9035612900 OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY
3620 OLD BULLARD RD
TYLER, TX 75701-8644

1ST SOURCE BANK, TRUSTEE OF THE SARAH SHREWDER TRACY
CREDIT SHELTER TRUST
6421 CAMP BOWIE BLVD. STE. 314
C/O DAN MYERS, FARMERS NATIONAL COMPANY, AGENT
FORT WORTH TX 76116

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

Name	Code	Depth
1 CHEROKEE GROUP	404CHRG	10030
2 CHEROKEE	404CHRK	10200

Spacing Orders: 725748 Location Exception Orders: 724763 Increased Density Orders: **No Density**
203575
579146

Pending CD Numbers: **No Pending** Working interest owners' notified: *** Special Orders: **No Special**

Total Depth: 20051 Ground Elevation: 2422 **Surface Casing: 1999** Depth to base of Treatable Water-Bearing FM: 740

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 22-38424
H. (Other)	SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 8000 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: C
Liner not required for Category: C
Pit Location is: BED AQUIFER
Pit Location Formation: OGALLALA

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
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: C
Liner not required for Category: C
Pit Location is: BED AQUIFER
Pit Location Formation: OGALLALA

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: 2 Township: 17N Range: 24W Meridian: IM Total Length: 9514
 County: ELLIS Measured Total Depth: 20051
 Spot Location of End Point: E2 SE SW SW True Vertical Depth: 10200
 Feet From: **SOUTH** 1/4 Section Line: 330 End Point Location from
 Feet From: **WEST** 1/4 Section Line: 1060 Lease,Unit, or Property Line: 330

NOTES:

Category	Description
DEEP SURFACE CASING	[7/6/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[7/6/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCWEB.COM/OG/OGFORMS.HTML ; AND, 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
LOCATION EXCEPTION - 724763	[7/6/2022 - G56] - (I.O.) 2-17N-24W & 35-18N-24W X203575 CHRGP 35-18N-24W X579146 CHRK 2-17N-24W COMPL INT (2-17N-24W) NCT 0' FNL, NCT 330' FSL, NCT 660' FWL) COMPL INT (35-18N-24W) NCT 330' FNL, NCT 0' FSL, NCT 660' FWL) MEWBOURNE OIL CO 4/7/2022
MEMO	[7/6/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 203575	[7/6/2022 - G56] - (640) 35-18N-24W EXT OTHER EXT 177605 CHRGP, OTHERS
SPACING - 579146	[7/6/2022 - G56] - (640)(HOR) 2-17N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB
SPACING - 725748	[7/6/2022 - G56] - (I.O.) 2-17N-24W & 35-18N-24W EST MULTIUNIT HORIZONTAL WELL X203575 CHRGP 35-18N-24W X579146 CHRK 2-17N-24W 50% 2-17N-24W 50% 35-18N-24W NO OP NAMED 5/24/2022

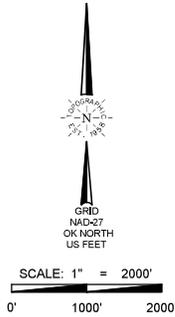
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WELL LOCATION

SARAH 35/2 DM #1H
 MEWBOURNE OIL COMPANY
 SECTION 35, TOWNSHIP 18N, RANGE 24W, I.M.
 ELLIS COUNTY, OKLAHOMA

LEGEND

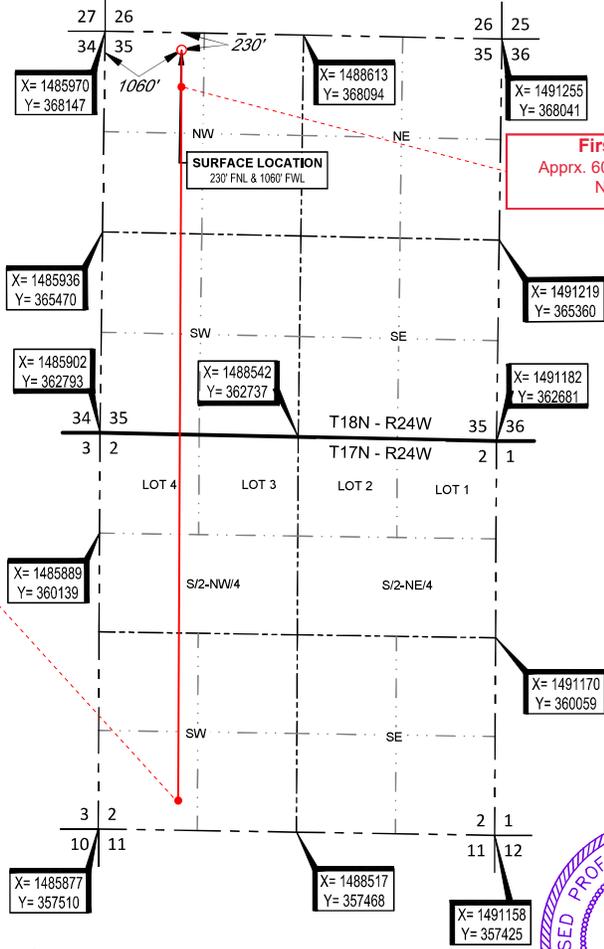
--- SECTION LINE
 - - - QUARTER SECTION LINE
 . . . 16TH LINE



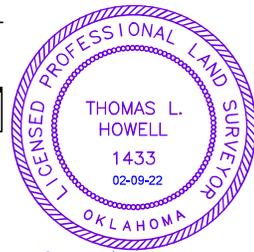
SURFACE LOCATION
 230' FNL & 1060' FWL
 NAD-27
 X = 1487027
 Y = 367895
 LAT.: 35°59'53.1" N
 LONG.: 99°44'03.2" W
 LAT.: 35.998095° N
 LONG.: 99.734214° W
 ELEV.: 2422'

First Take Point
 Apprx. 600' FNL & 1060' FWL
 NCT: 330 FNL

Bottom Hole Location
 330' FSL & 1060' FWL
 X = 1486938
 Y = 357823
 Lat.: 35 58' 13.527" N
 Long.: 99 44' 2.066" W
 Lat.: 35.9704242 N
 Long.: 99.7339072 W



Note:
 Surface hole and section corner information surveyed in the field and certified by Topographic, Co.
 Drill path information has not been surveyed, reviewed, or certified by Topographic, Co.



SURVEYOR'S CERTIFICATE:
 I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

Thomas L. Howell
 Thomas L. Howell, P.L.S. No. 1433
 Authorized Agent of Topographic, Co.

TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
 TELEPHONE: (405) 843-4847 OR (800) 654-3219
 FAX: (405) 843-0975
 CERTIFICATE OF AUTHORIZATION NO. 1292 LS
 WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. SARAH 35/2 DM #1H
 SECTION 35 TWP 18N RGE 24W MERIDIAN I.M.
 COUNTY ELLIS STATE OKLAHOMA
 DESCRIPTION 230' FNL & 1060' FWL

SARAH 35/2 DM #1H	REVISION:	
	INT	DATE
DATE: 02/01/2022		
FILE:LO_SARAH_352_DM_1H		
DRAWN BY: EAH		
SHEET: 1 OF 2		

NOTES:
 1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA NORTH ZONE, NAD 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MEWBOURNE OIL COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE, THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
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WELL LOCATION

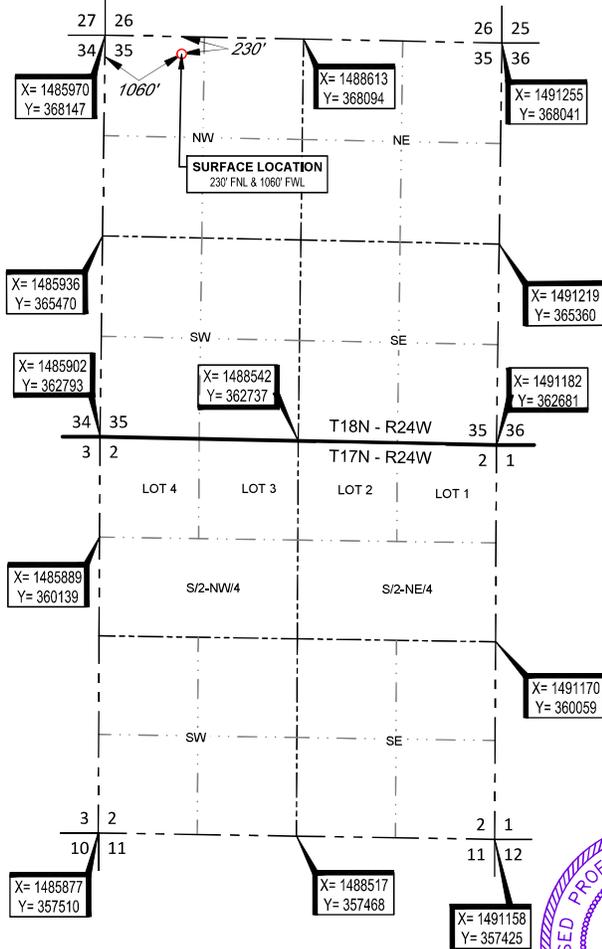
SARAH 35/2 DM #1H
 MEWBOURNE OIL COMPANY
 SECTION 35, TOWNSHIP 18N, RANGE 24W, I.M.
 ELLIS COUNTY, OKLAHOMA

LEGEND

--- SECTION LINE
 - - - QUARTER SECTION LINE
 ····· 16TH LINE



SURFACE LOCATION
 230' FNL & 1060' FWL
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 Y= 367895
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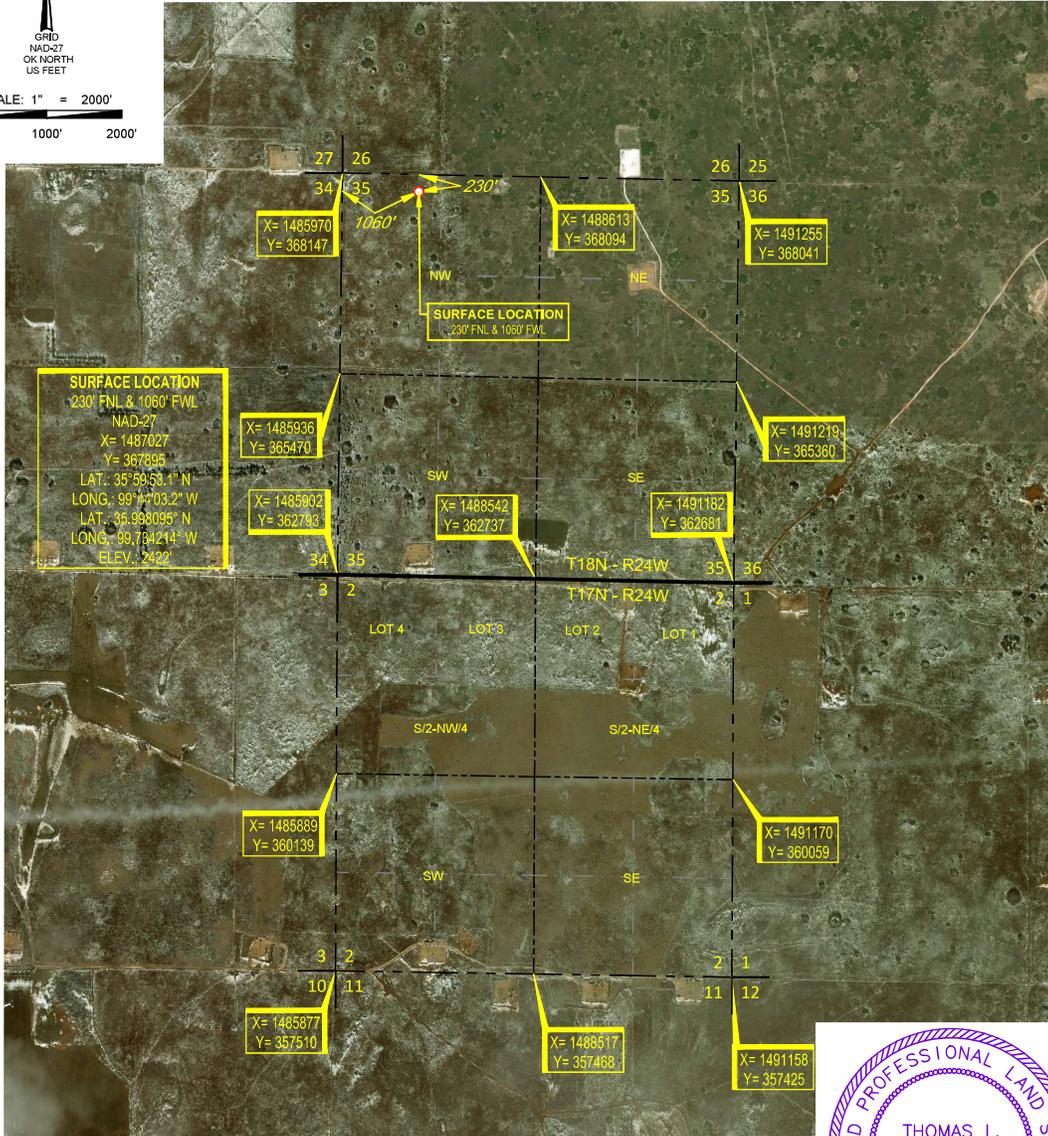
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FILE:LO_SARAH_352_DM_1H			
DRAWN BY: EAH			
SHEET: 1 OF 2			

WELL LOCATION

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 ELLIS COUNTY, OKLAHOMA

LEGEND

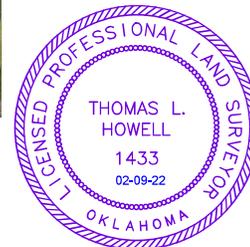
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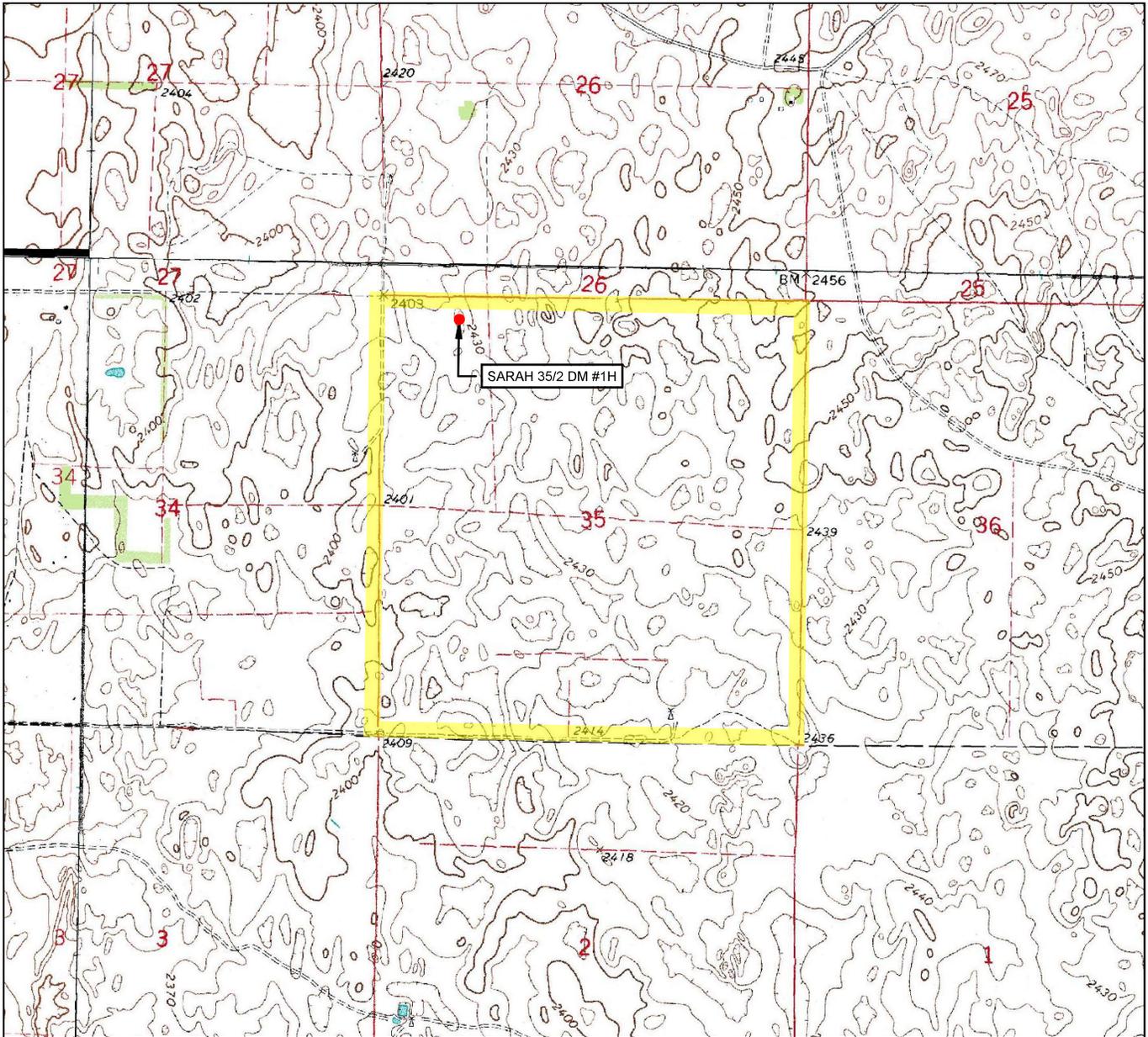
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SECTION 35 TWP 18N RGE 24W MERIDIAN I.M.
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 DESCRIPTION 230' FNL & 1060' FWL

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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. SARAH 35/2 DM #1H

SECTION 35 TWP 18N RGE 24E MERIDIAN I.M.

COUNTY ELLIS STATE OKLAHOMA

DESCRIPTION 230' FNL & 1060' FWL

ELEVATION 2422'



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

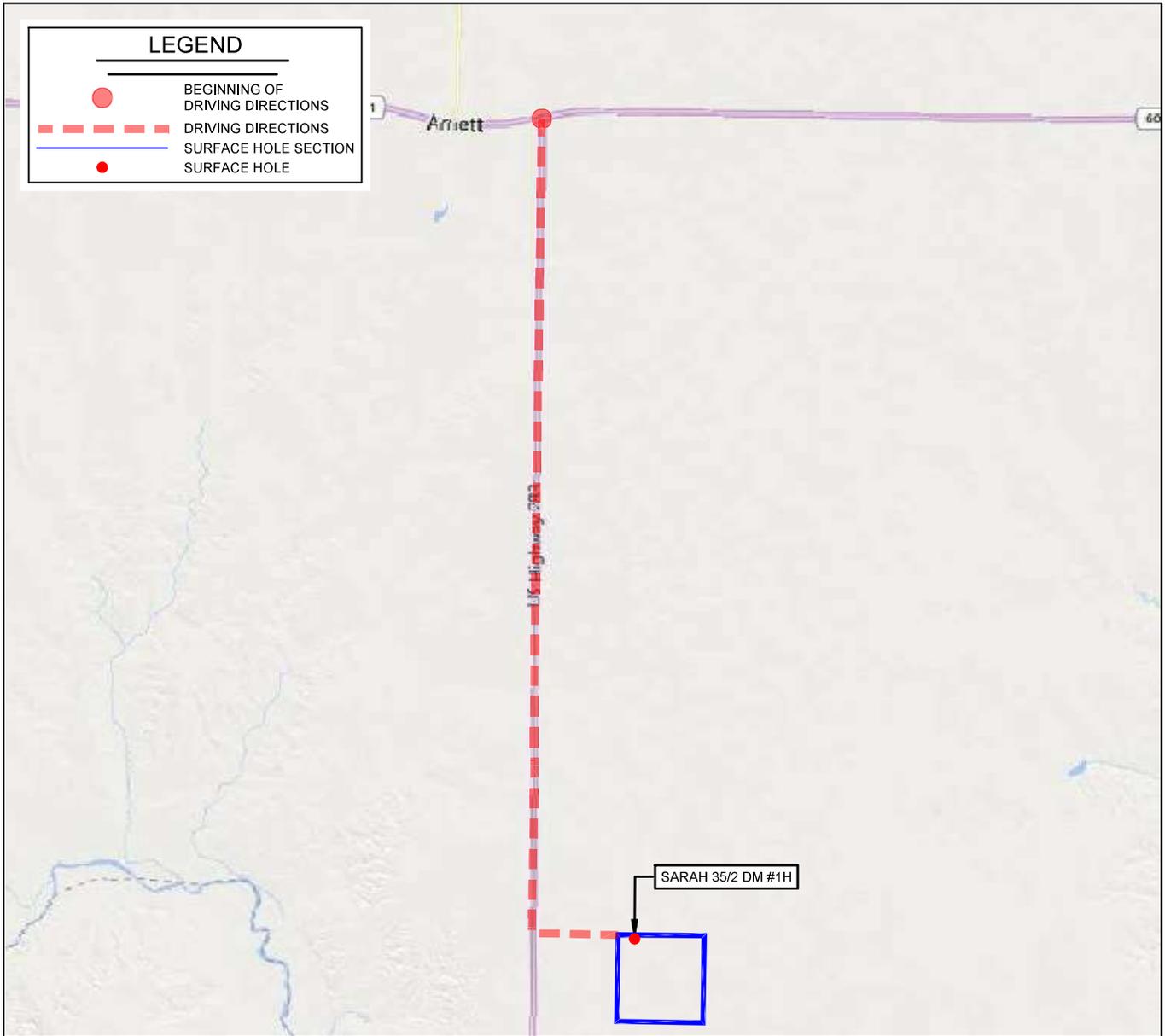
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ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



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VICINITY MAP



LEASE NAME & WELL NO. SARAH 35/2 DM #1H

SECTION 35 TWP 18N RGE 24W MERIDIAN I.M.

COUNTY ELLIS STATE OKLAHOMA

DESCRIPTION 230' FNL & 1060' FWL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF US-283 & US-60, GO ±9.5 MI. SOUTH,
THEN EAST ±1.0 MI. ON E0700 RD TO THE NORTHWEST CORNER OF
SECTION 35-T18N-R24W.

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SCALE: 1" = 10000'
 0' 5000' 10000'



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