

API NUMBER: 045 23870

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

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

Horizontal Hole 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 1020

Lease Name: LAURA 26/23 MD 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	404CHRK	9950

Spacing Orders: 726601

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202200945

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20519

Ground Elevation: 2420

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 740

Deep surface casing has been approved

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

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

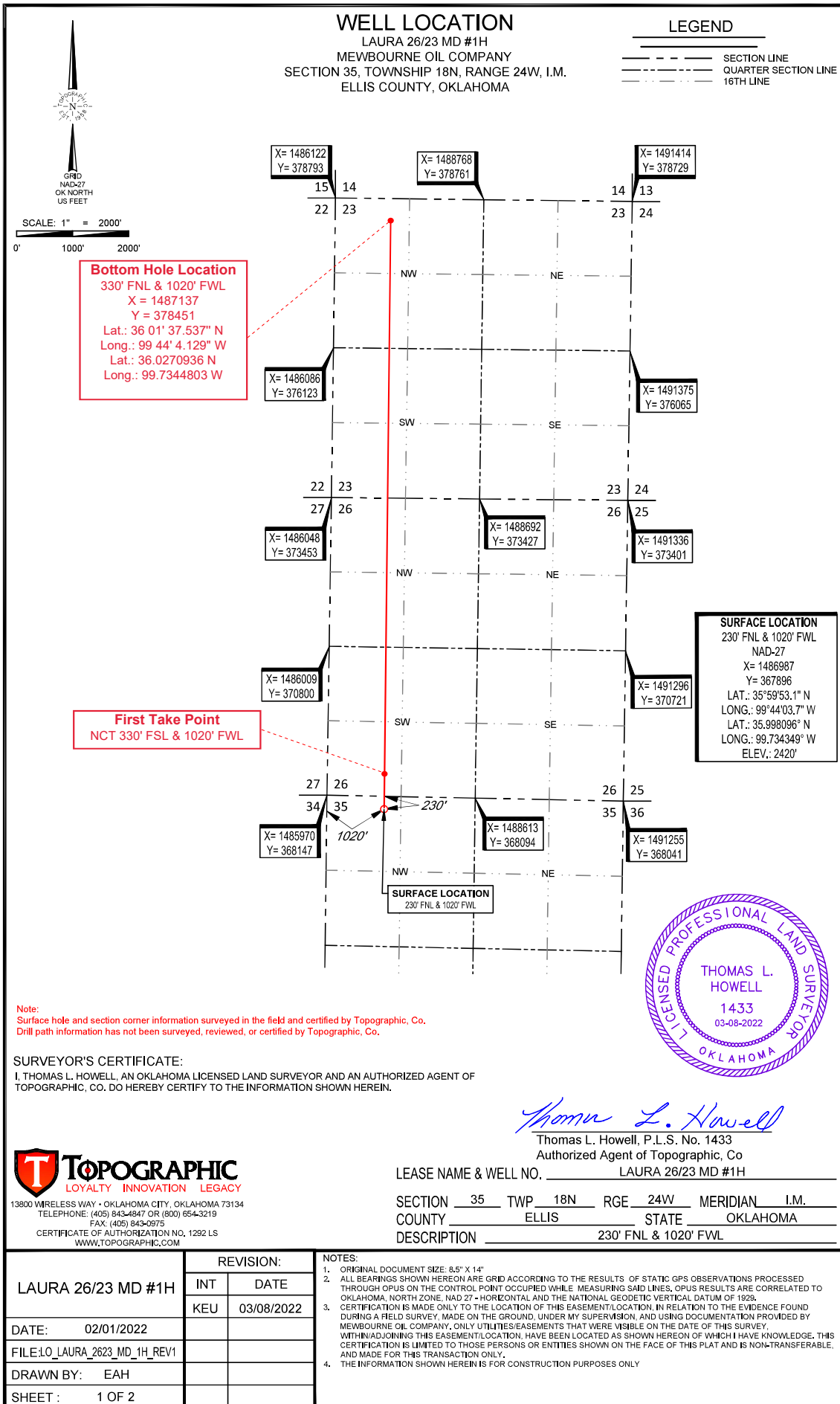
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

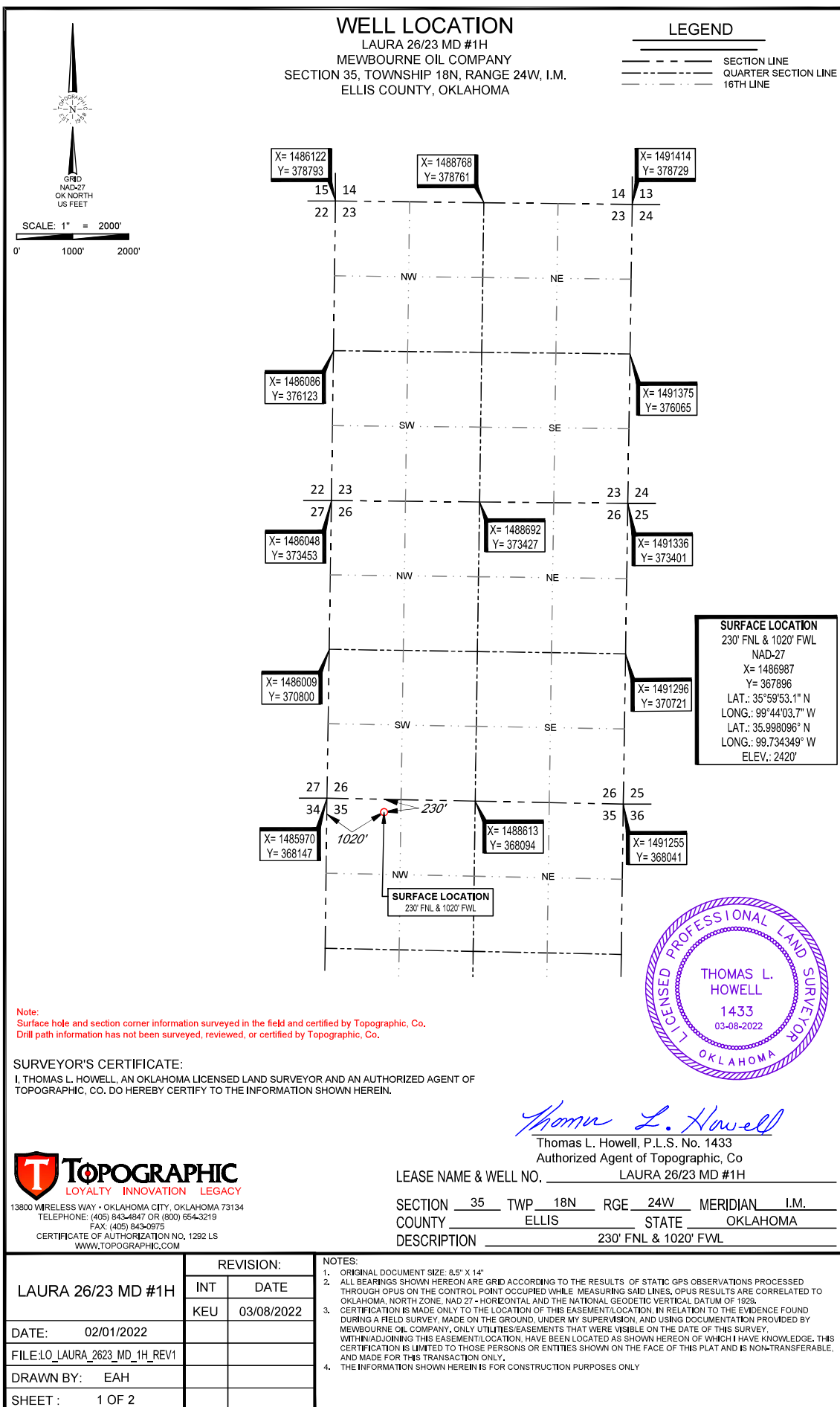
HORIZONTAL HOLE 1

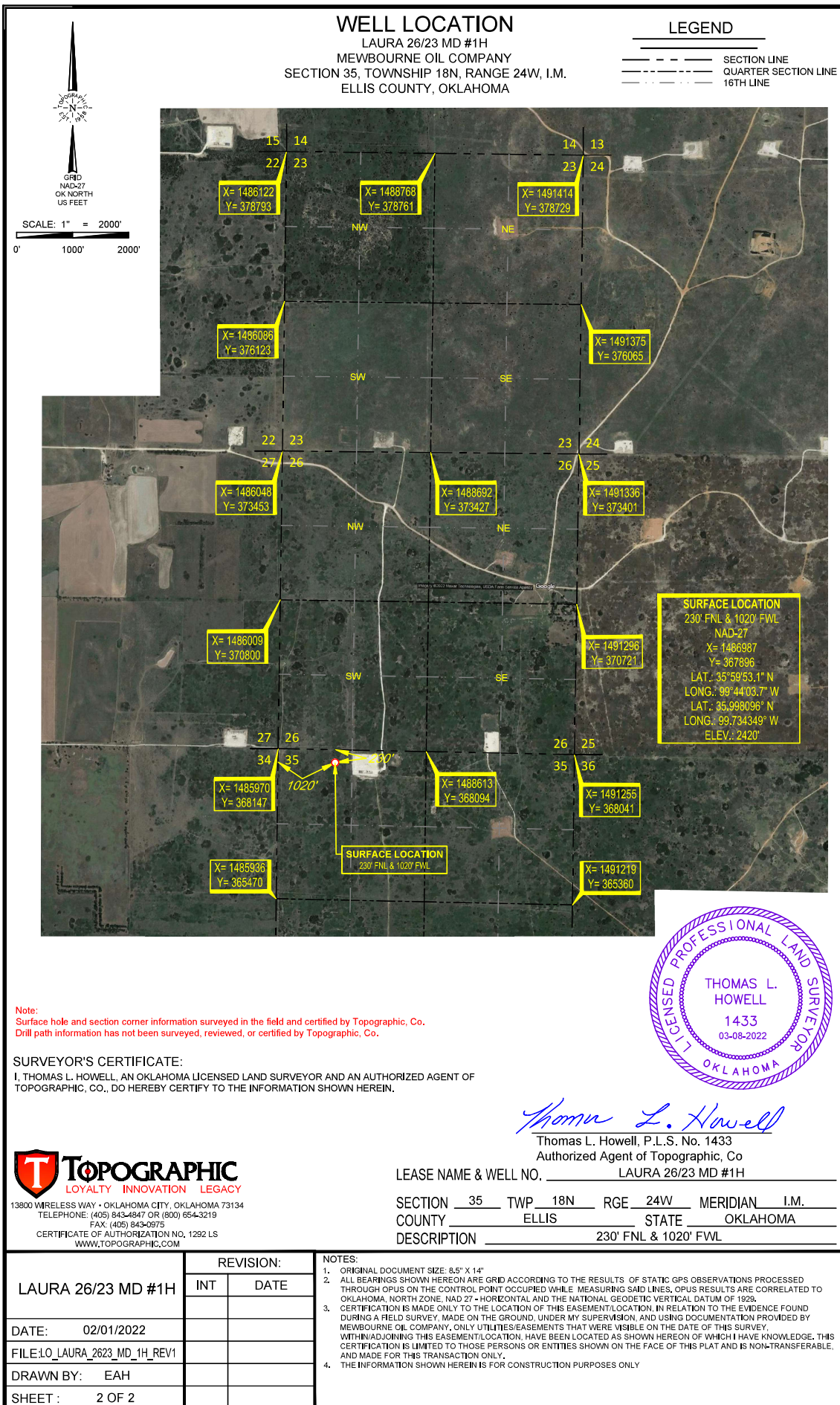
Section: 23 Township: 18N Range: 24W Meridian: IM Total Length: 9974
County: ELLIS Measured Total Depth: 20519
Spot Location of End Point: E2 NE NW NW True Vertical Depth: 9980
Feet From: **NORTH** 1/4 Section Line: 330 End Point Location from
Feet From: **WEST** 1/4 Section Line: 1020 Lease,Unit, or Property Line: 330

NOTES:

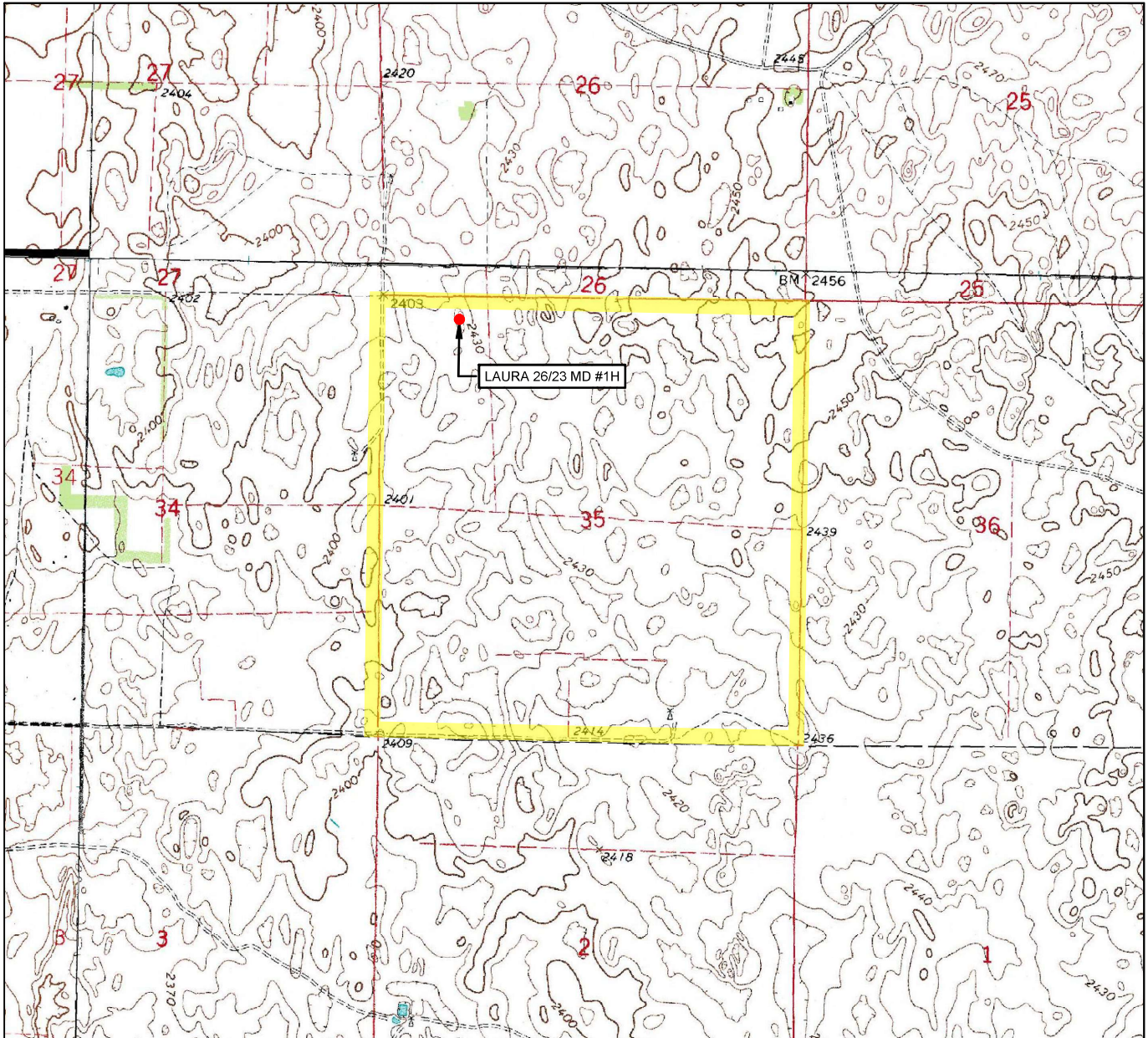
Category	Description
DEEP SURFACE CASING	[7/6/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[7/6/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN 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: OCCEWEB.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
MEMO	[7/6/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202200945	[7/6/2022 - G56] - (I.O.) 23 & 26-18N-24W X202200944 CHRK COMPL INT NCT 330' FSL, NCT 330' FNL, NCT 660' FWL NO OP NAMED REC 6/10/2022 (P. PORTER)
SPACING - 726601	[7/6/2022 - G56] - (1280)(HOR) 23 & 26-18N-24W VAC 593689 CHRK 23-18N-24W VAC 584952 CHRK 26-18N-24W COMPL INT NCT 660' FB (COEXIST WITH SP # 203575 CHRGP 23-18N-24W, # 177605 CHRGP 26-18N-24W)







LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. LAURA 26/23 MD #1H

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

COUNTY ELLIS STATE OKLAHOMA

DESCRIPTION 230' FNL & 1020' FWL

ELEVATION 2420'



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 MEWBOURNE OIL COMPANY. 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.

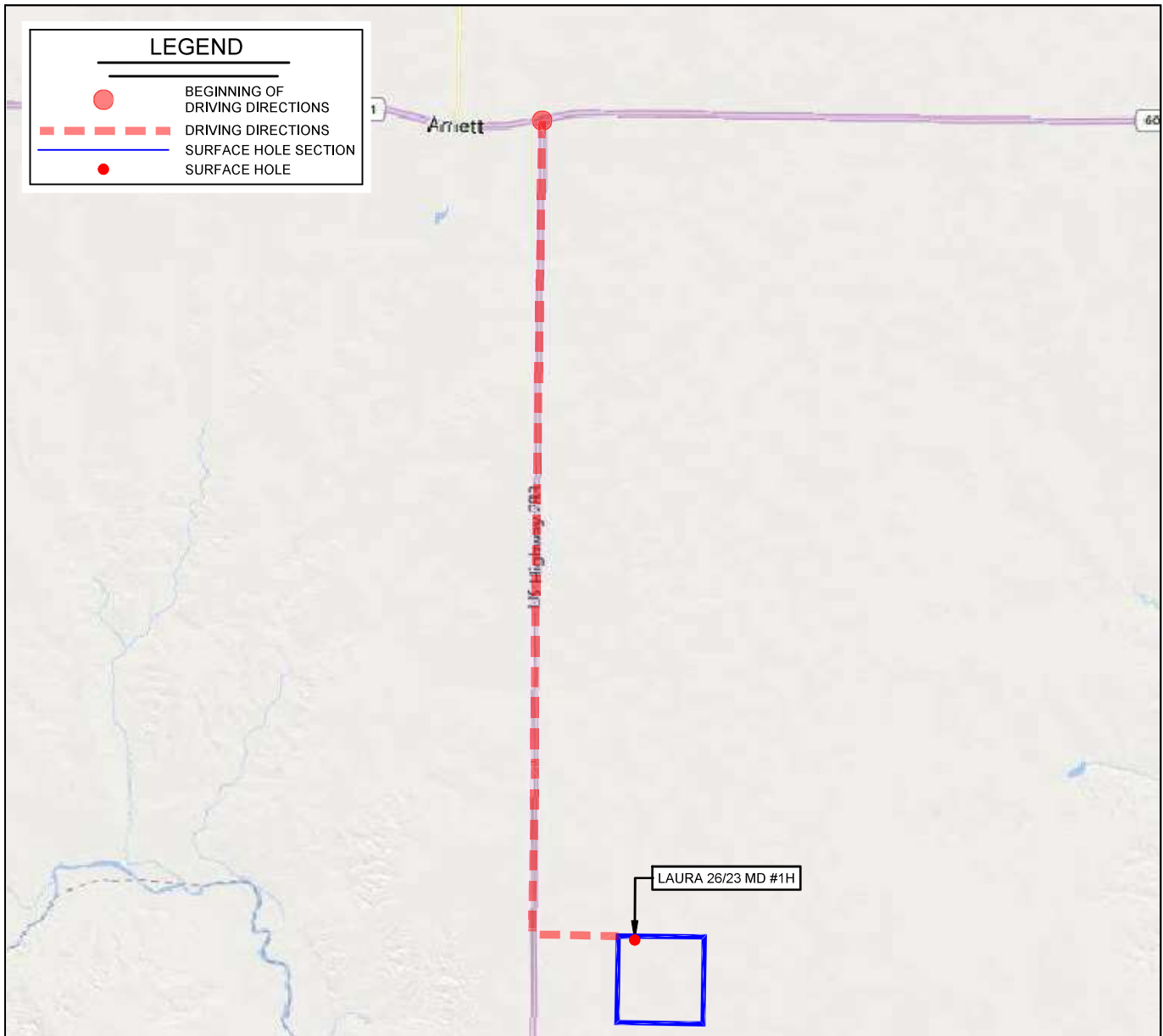
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.

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

VICINITY MAP



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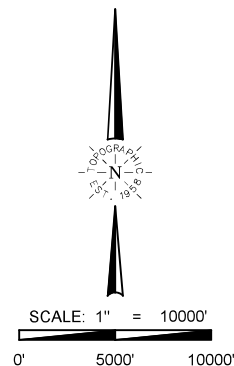
DESCRIPTION 230' FNL & 1020' FWL

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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