

API NUMBER: 043 23736

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

Approval Date: 12/03/2021
Expiration Date: 06/03/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 24 Township: 18N Range: 16W County: DEWEY

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 290 575

Lease Name: AMANDA JUNE Well No: 1-24MXH Well will be 290 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

CHAIN LAND AND CATTLE CO., INC.
237687 STATE HWY 51
CANTON OK 73724

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

Name	Code	Depth
1 MISSISSIPPI LIME	351MSSLM	10700

Spacing Orders: 720845

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202102273

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21100

Ground Elevation: 1766

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 140

Deep surface casing has been approved

Under Federal Jurisdiction: Yes
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: 21-38000

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

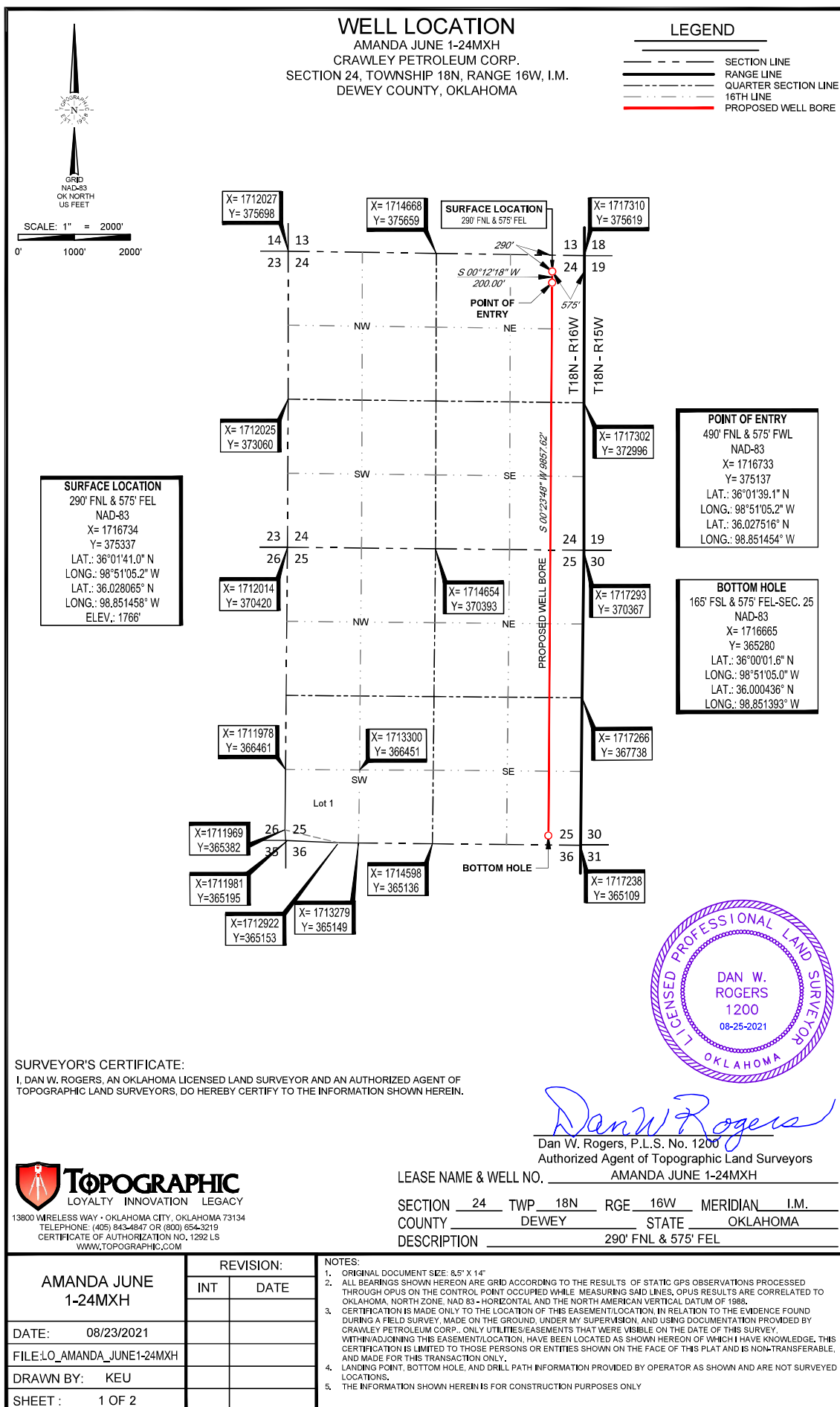
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

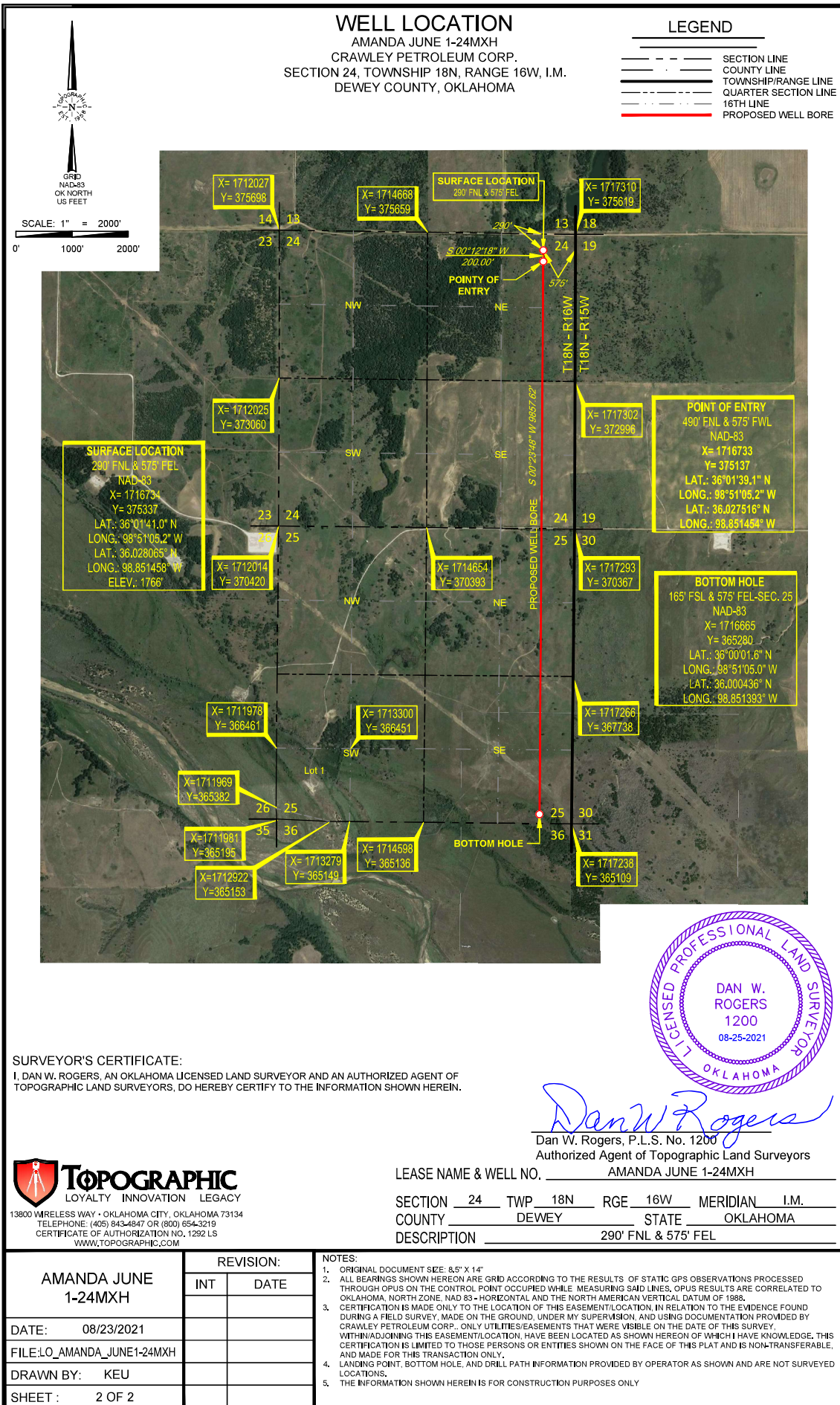
HORIZONTAL HOLE 1

Section: 25	Township: 18N	Range: 16W	Meridian: 1M	Total Length: 9857
	County: DEWEY			Measured Total Depth: 21100
Spot Location of End Point: SW	SE	SE	SE	True Vertical Depth: 10700
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from
Feet From: EAST		1/4 Section Line: 575		Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[11/30/2021 - 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	<p>[11/30/2021 - 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>
INTERMEDIATE CASING	[11/30/2021 - 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
MEMO	[11/30/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202102273	<p>[12/2/2021 - G56] - (I.O.) 24 & 25-18N-16W</p> <p>X720845 MSSLM</p> <p>COMPL INT NCT 330' FNL, NCT 150' FSL, NCT 330' FEL</p> <p>NO OP NAMED</p> <p>REC 11/16/2021 (HUBER)</p>
SPACING - 720845	<p>[12/2/2021 - G56] - (1280)(HOR) 24 & 25-18N-16W</p> <p>VAC 70296 MSSLM</p> <p>EST MSSLM, OTHER</p> <p>COMPL INT NCT 660' FB</p>






A topographic map of the TALLCOTT area. A yellow rectangular boundary is drawn across the map, spanning from approximately 1671 to 1722 on the horizontal axis and 1660 to 1700 on the vertical axis. The map features contour lines and a grid with red numbers (13, 14, 18, 19, 23, 24, 25, 26, 30). A label 'AMANDA JUNE 1-24MXH' points to a red dot located at the intersection of the vertical line 1722 and the horizontal line 1671. The word 'TALLCOTT' is written vertically across the center of the map.

SECTION 24 TWP 18N RGE 16W MERIDIAN I.M.
COUNTY DEWEY STATE OKLAHOMA
DESCRIPTION 290' FNL & 575' FEL
ELEVATION 1766'



SCALE: 1" = 2000'



0' 1000' 2000'

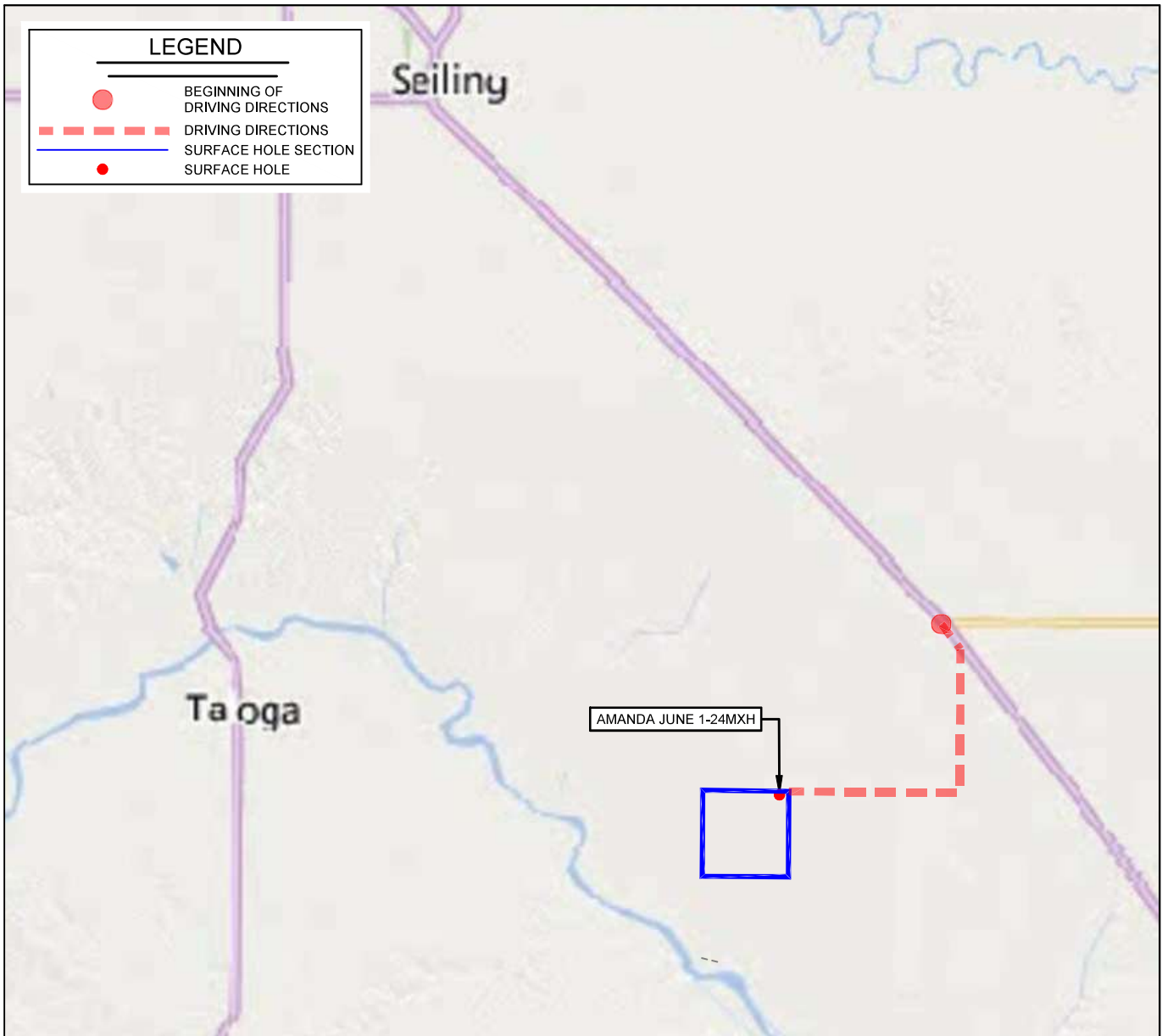


13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

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 CORP.. 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.

VICINITY MAP



LEASE NAME & WELL NO. AMANDA JUNE 1-24MXH

SECTION 24 TWP 18N RGE 16W MERIDIAN I.M.

COUNTY DEWEY STATE OKLAHOMA

DESCRIPTION 290' FNL & 575' FEL

DISTANCE & DIRECTION

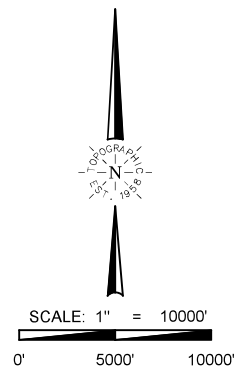
FROM THE JCT. OF US HWY 270 AND HWY 51 SOUTHEAST OF SEILING, OKLAHOMA

GO SOUTHEAST ON HWY 51 FOR +/- 0.4 MILE. GO SOUTH ON N2350 ROAD FOR +/- 1.6 MILES.

GO WEST ON E0680 ROAD FOR +/- 2 MILES TO THE NE CORNER OF SECTION 24-T18N-R16W

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