

API NUMBER: 103 24781

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

Approval Date: 03/07/2022

Expiration Date: 09/07/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 20N Range: 2W County: NOBLE

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 150 350

Lease Name: BOLAY Well No: 1-11H Well will be 150 feet from nearest unit or lease boundary.

Operator Name: BLAKE PRODUCTION COMPANY INC Telephone: 4052869800 OTC/OCC Number: 18119 0

BLAKE PRODUCTION COMPANY INC
1601 NW EXPRESSWAY STE 777
OKLAHOMA CITY, OK 73118-1446

BRENT AND GINA BOLAY
25151 COUNTY RD 70
PERRY OK 73077

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

Name	Code	Depth
1 BIG LIME	404BGLM	4620

Spacing Orders: 659539

Location Exception Orders: 723353

Increased Density Orders: 723352

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 10204 Ground Elevation: 1169

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 220

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: 22-38165
H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: WELLINGTON

HORIZONTAL HOLE 1

Section: 11 Township: 20N Range: 2W Meridian: IM Total Length: 5246
County: NOBLE Measured Total Depth: 10204
Spot Location of End Point: C S2 S2 S2 True Vertical Depth: 4640
Feet From: SOUTH 1/4 Section Line: 330 End Point Location from
Feet From: WEST 1/4 Section Line: 2640 Lease, Unit, or Property Line: 330

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	<p>[3/1/2022 - 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 - 723352	<p>[3/7/2022 - GB1] - 11-20N-2W X659539 BGLM 1 WELL BLAKE PRODUCTION COMPANY 2/7/2022</p>
LOCATION EXCEPTION - 723353	<p>[3/7/2022 - GB1] - (I.O) 11-20N-2W X659539 BGLM COMPL INT NCT 330' FNL, NCT 330' FSL, NCT 330' FEL/FWL BLAKE PRODUCTION COMPANY 2/7/2022</p>
SPACING - 659539	<p>[3/7/2022 - GB1] - (640)(HOR) 11-20N-2W EXT 656096 BGLM COMPL INT NCT 660' FB</p>

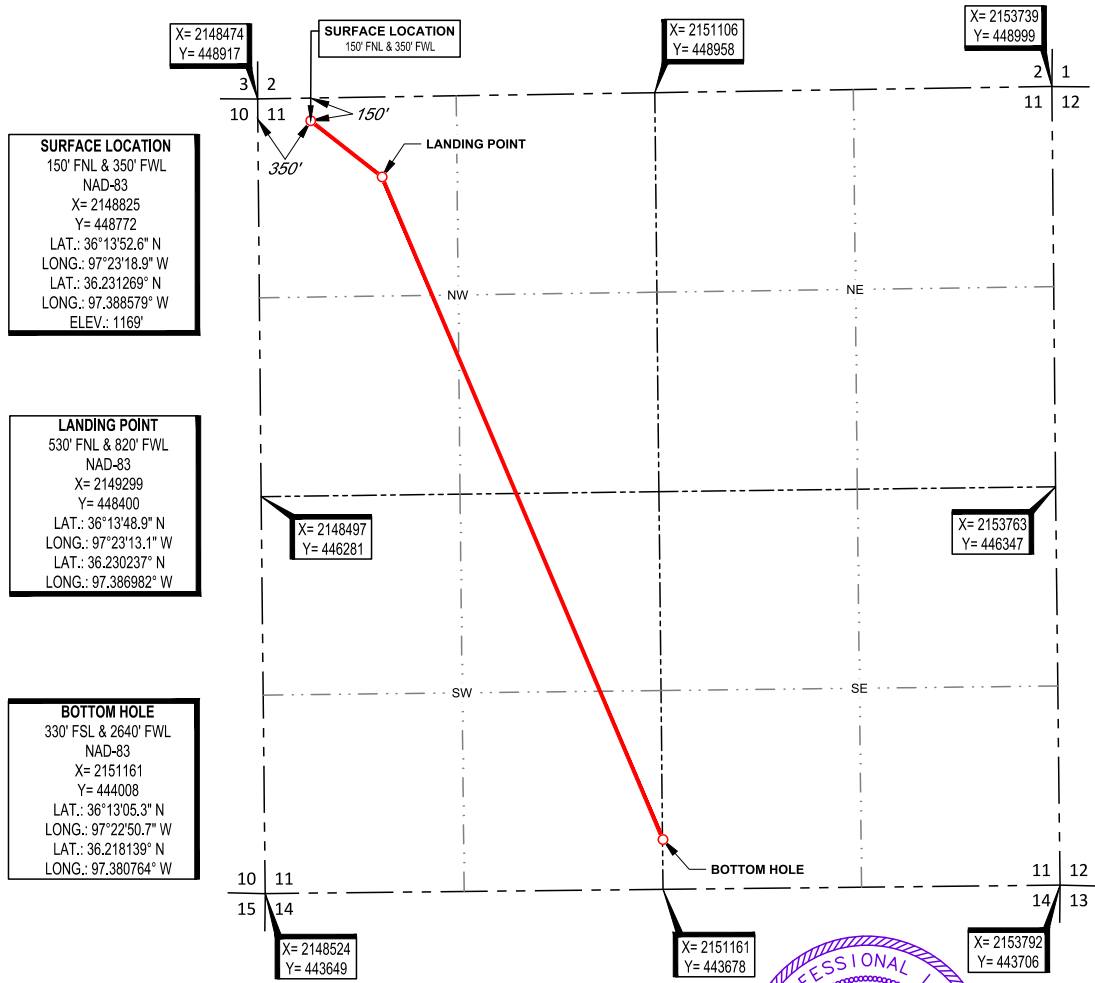


SCALE: 1" = 1000'
0' 500' 1000'

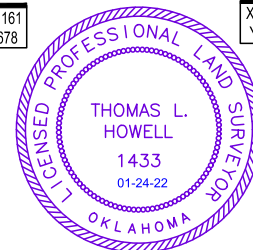
WELL LOCATION
BOLAY 1-11H
BLAKE PRODUCTION CO.
SECTION 11, TOWNSHIP 20N, RANGE 2W, I.M.
NOBLE COUNTY, OKLAHOMA

LEGEND

- SECTION LINE
- PROPOSED WELL BORE
- QUARTER SECTION LINE
- 16TH LINE
- * EXISTING WELL SITE



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

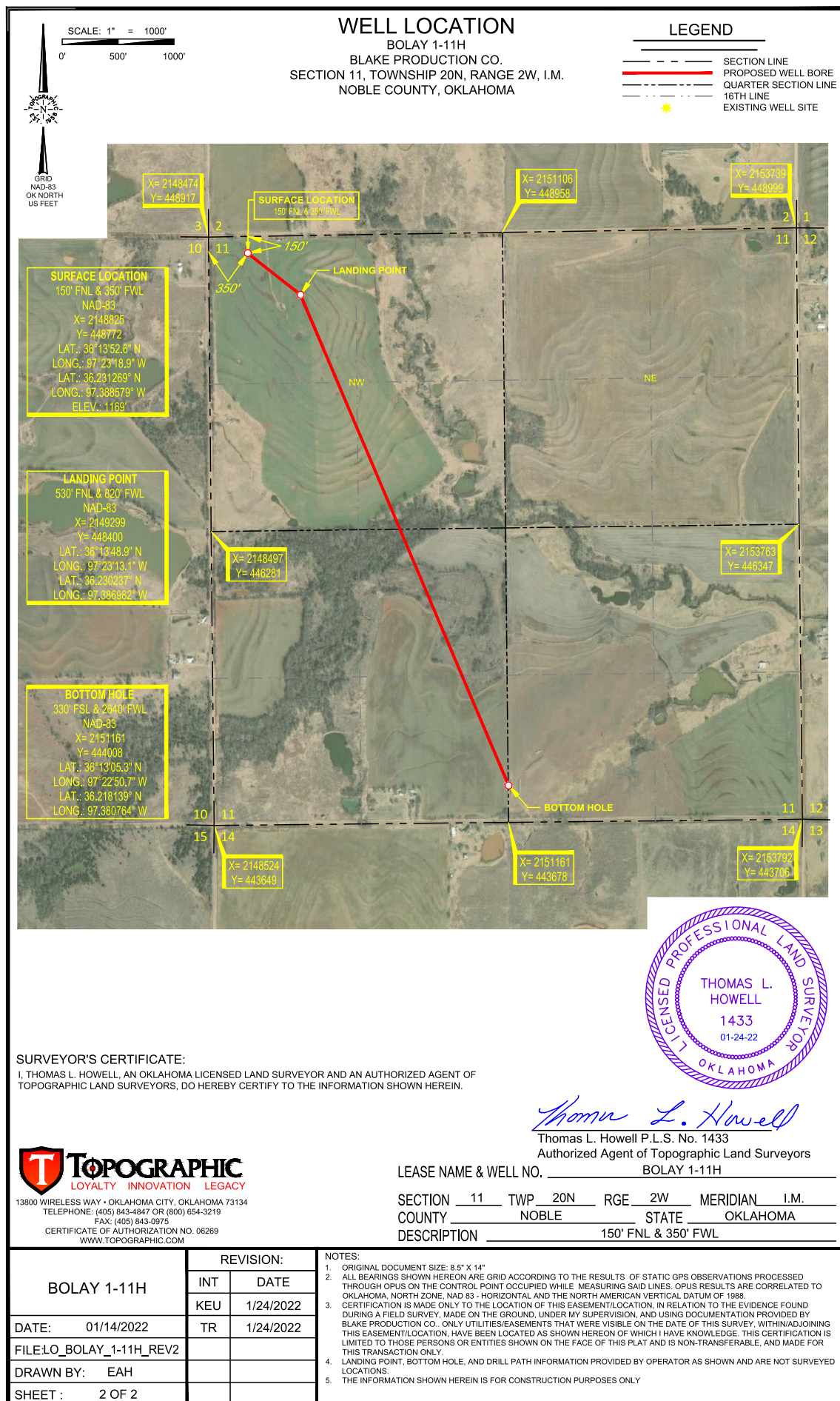


Thomas L. Howell
Thomas L. Howell P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors

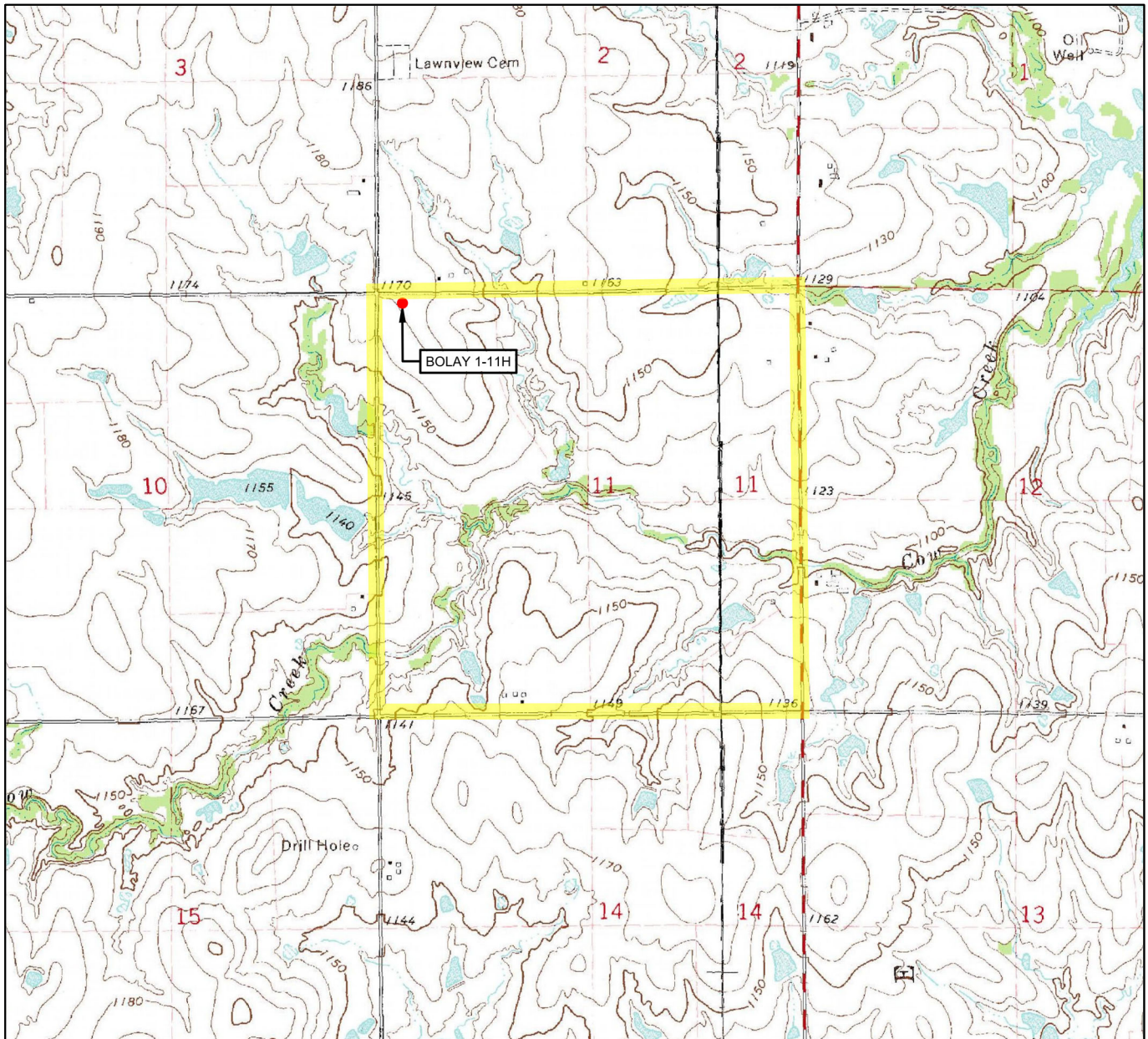
TOPOGRAPHIC
LOYALTY · INNOVATION · LEGACY
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 843-0975
CERTIFICATE OF AUTHORIZATION NO. 06269
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. _____
BOLAY 1-11H
SECTION 11 TWP 20N RGE 2W MERIDIAN I.M.
COUNTY NOBLE STATE OKLAHOMA
DESCRIPTION 150' FNL & 350' FWL

BOLAY 1-11H	REVISION:		NOTES:
	INT	DATE	
	KEU	1/24/2022	
	TR	1/24/2022	
DATE: 01/14/2022			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 83 - HORIZONTAL AND THE NORTH AMERICAN VERTICAL DATUM OF 1988. 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 BLAKE PRODUCTION CO. 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. 4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
FILE:LO_BOLAY_1-11H_REV2			
DRAWN BY: EAH			
SHEET: 1 OF 2			



LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. BOLAY 1-11H

SECTION 11 TWP 20N RGE 2W MERIDIAN I.M.

COUNTY NOBLE STATE OKLAHOMA

DESCRIPTION 150' FNL & 350' FWL

ELEVATION 1169'



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 BLAKE PRODUCTION CO.. 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

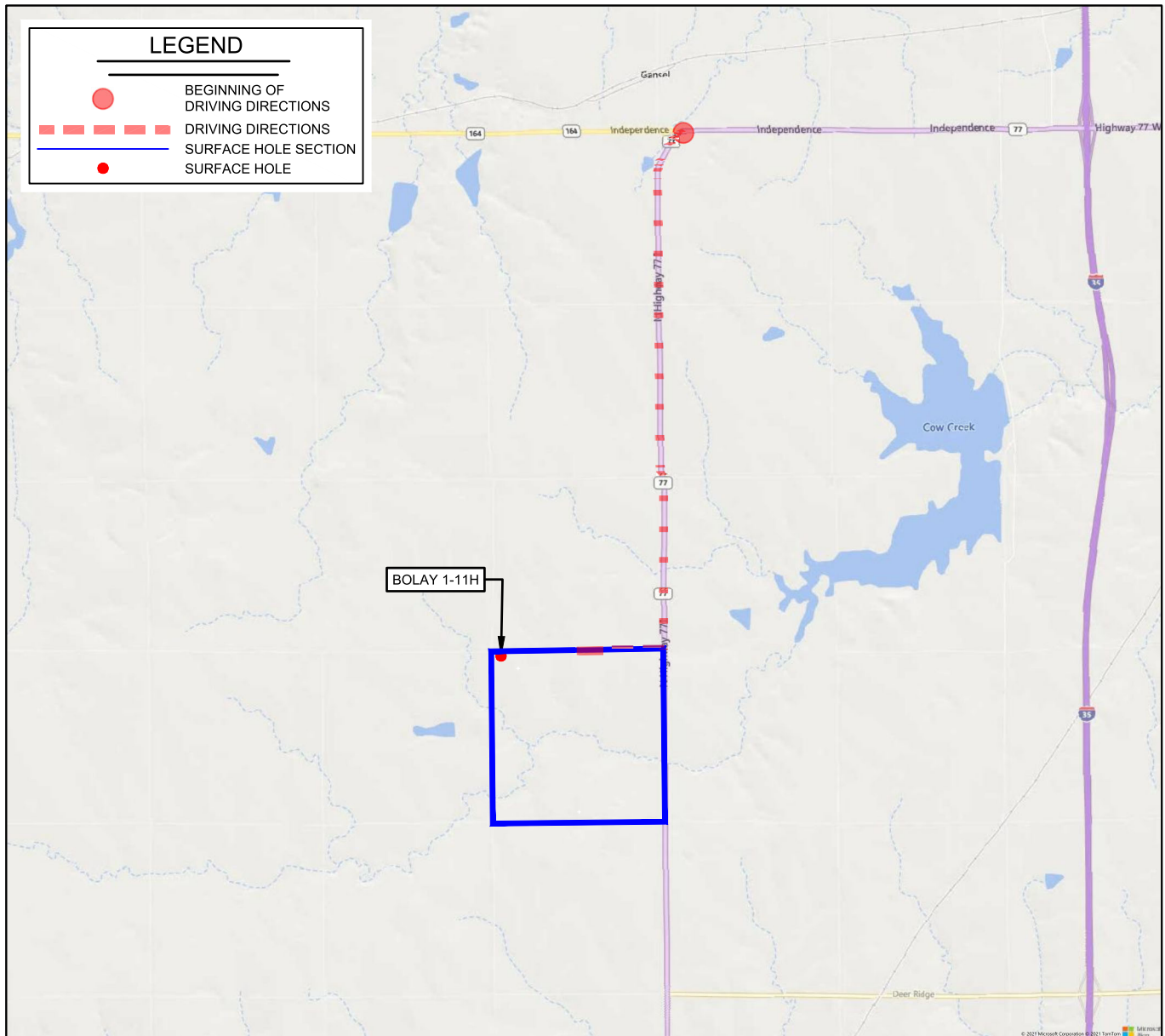
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VICINITY MAP



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COUNTY NOBLE STATE OKLAHOMA

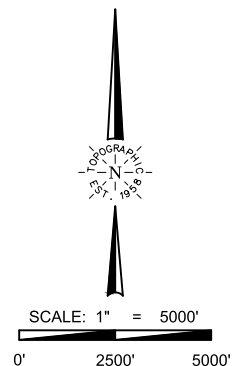
DESCRIPTION 150' FNL & 350' FWL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF US-77 & OK-164 WEST OF PERRY, OK,
GO ± 3.0 MI. SOUTH ON US-77, THEN GO ± 0.5 MI. WEST ON FRONTIER
TO THE NORTH QUARTER CORNER OF SECTION 11-T20N-R2W.

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