

API NUMBER: 109 22509

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)Approval Date: 12/13/2021
Expiration Date: 06/13/2023

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 11N Range: 1E County: OKLAHOMA

SPOT LOCATION: ☐ NE ☐ SE ☐ NW ☐ SW
FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1862 1028Lease Name: HARRAH Well No: 1-11 Well will be 778 feet from nearest unit or lease boundary.
Operator Name: OKLAND OIL COMPANY Telephone: 8063233000 OTC/OCC Number: 7910 0OKLAND OIL COMPANY
110 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-9022THE ESTATE OF BENNETT FRANCIS BUSTIN, DECEASED
STEPHANIE NANA, CO-PERSONAL REPRESENTATIVE
3337 NW 177TH CT
EDMOND OK 73012

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

	Name	Code	Depth
1	CHECKERBOARD	405CCKB	4850
2	CLEVELAND	405CLVD	4920
3	OSWEGO	404OSWG	5310
4	PRUE	404PRUE	5430
5	SKINNER	404SKNR	5460

	Name	Code	Depth
6	RED FORK	404RDFK	5600
7	BARTLESVILLE	404BRVL	5650
8	PENN UNCONF	401PVUNC	5700
9	MISENER	319MSNR	5770

Spacing Orders: 264461

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 6038

Ground Elevation: 1176

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 590

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: 21-37927
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? Y

Wellhead Protection Area? Y

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: GARBER

DIRECTIONAL HOLE 1Section: 11 Township: 11N Range: 1E Meridian: IM
County: OKLAHOMA

Measured Total Depth: 6038

Spot Location of End Point: SE SW NE SW

True Vertical Depth: 5950

Feet From: SOUTH 1/4 Section Line: 1450

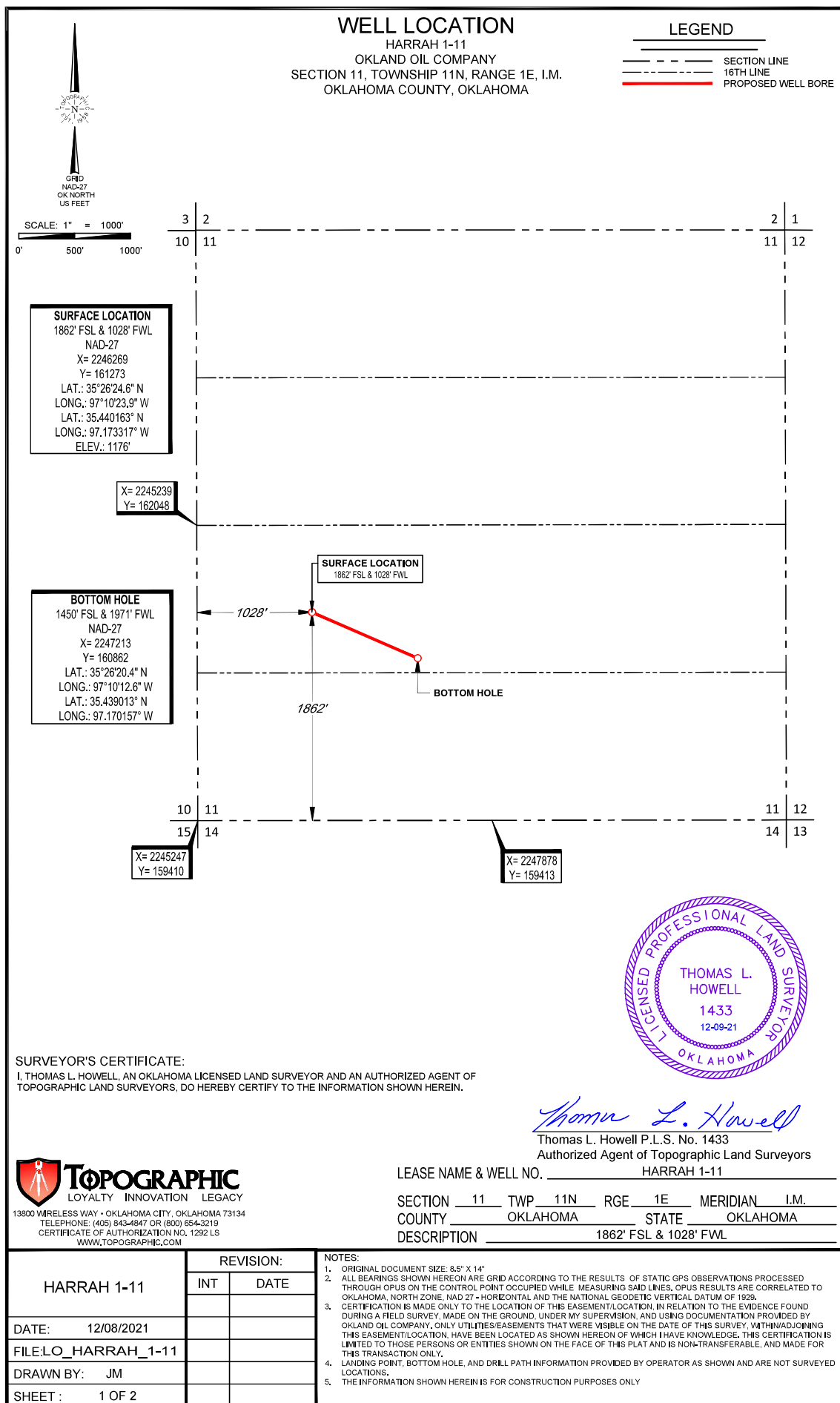
Feet From: WEST 1/4 Section Line: 1971

End Point Location from
Lease, Unit, or Property Line: 669

Additional Surface Owner(s)	Address	City, State, Zip
THE ESTATE OF BENNETT FRANCIS BUSTIN, DECEASED	LISA DAWN URISTA, CO-PERSONAL REPRESENTATIVE 7311 NW 23RD STREET, #122	BETHANY, OK 73008

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.

NOTES:	
Category	Description
HYDRAULIC FRACTURING	<p>[12/10/2021 - 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>
PUBLIC WATER SUPPLY	[12/10/2021 - GC2] - FULL MOON SALOON, N2 11-11N-1E, 2X CIRCLE P MHP, N2 14-11N-1E, THE BAR, N2 14-11N-1E
SPACING - 264461	<p>[12/13/2021 - G56] - (160) 11-11N-1E VAC 205348 CLVD, OSWG, PRUE, SKNRU, SKNRL, RDFK, BRVL, BPUNC, MSNR, OTHERS REFORM 205348 CCKB, OTHER TO 160 ACRE UNITS EXT 153947/246652 CLVD, OSWG, PRUE, SKNR, RDFK, MSNR OTHERS EXT 221646/246652 BRVL EXT 39879/246652 PVUNC</p>
SURFACE CASING	[12/10/2021 - GC2] - NO DEEP SURFACE CASING ALLOWED DUE TO BEING INSIDE A PUBLIC WATER SUPPLY WELL BOUNDARIES

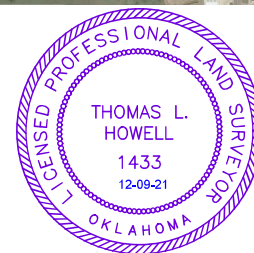
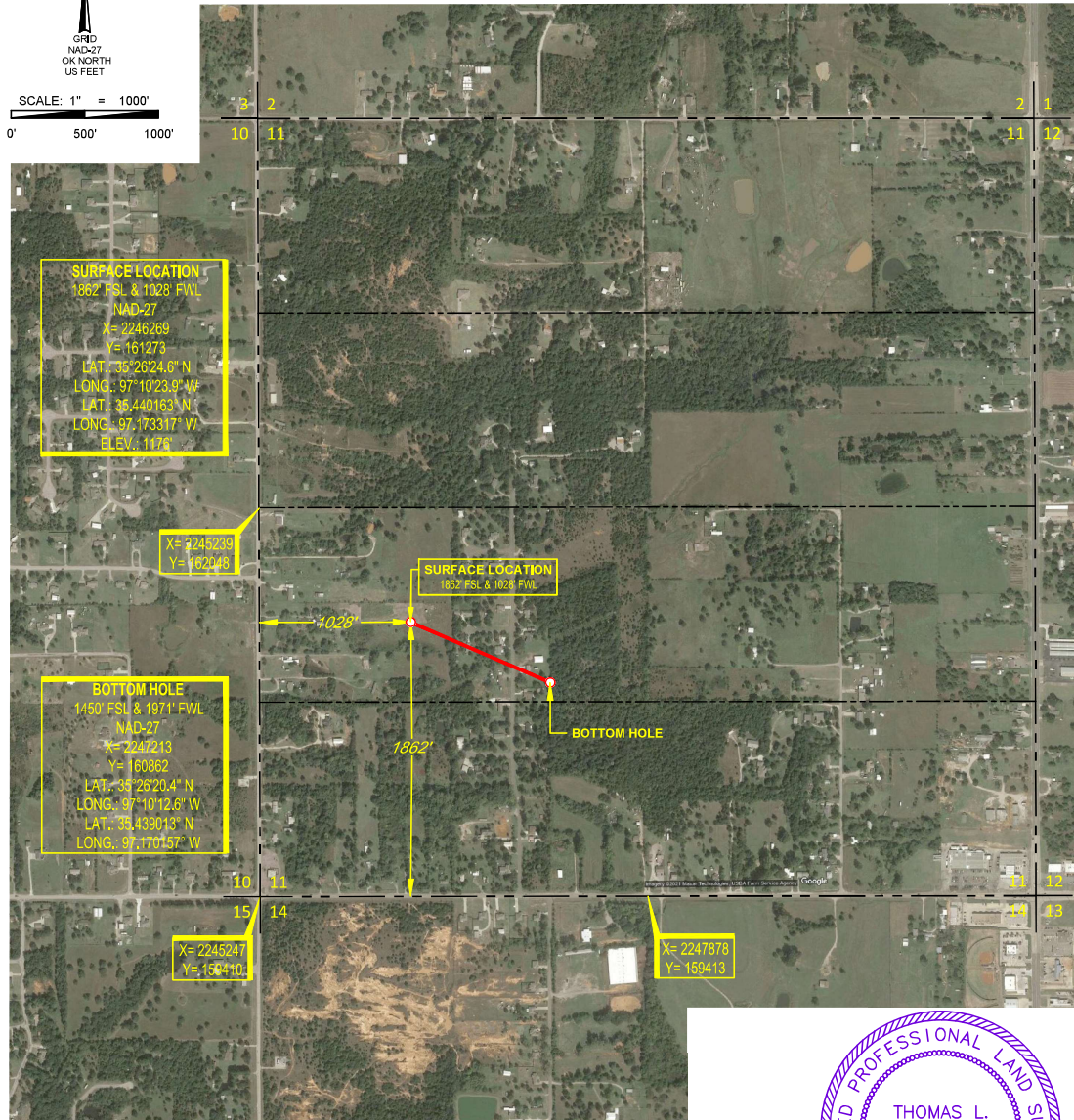
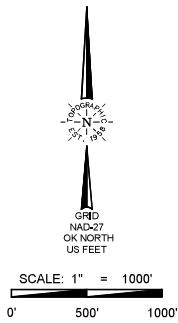


WELL LOCATION

HARRAH 1-11
OKLAND OIL COMPANY
SECTION 11, TOWNSHIP 11N, RANGE 1E, I.M.
OKLAHOMA COUNTY, OKLAHOMA

LEGEND

--- SECTION LINE
--- 16TH LINE
--- PROPOSED WELL BORE



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

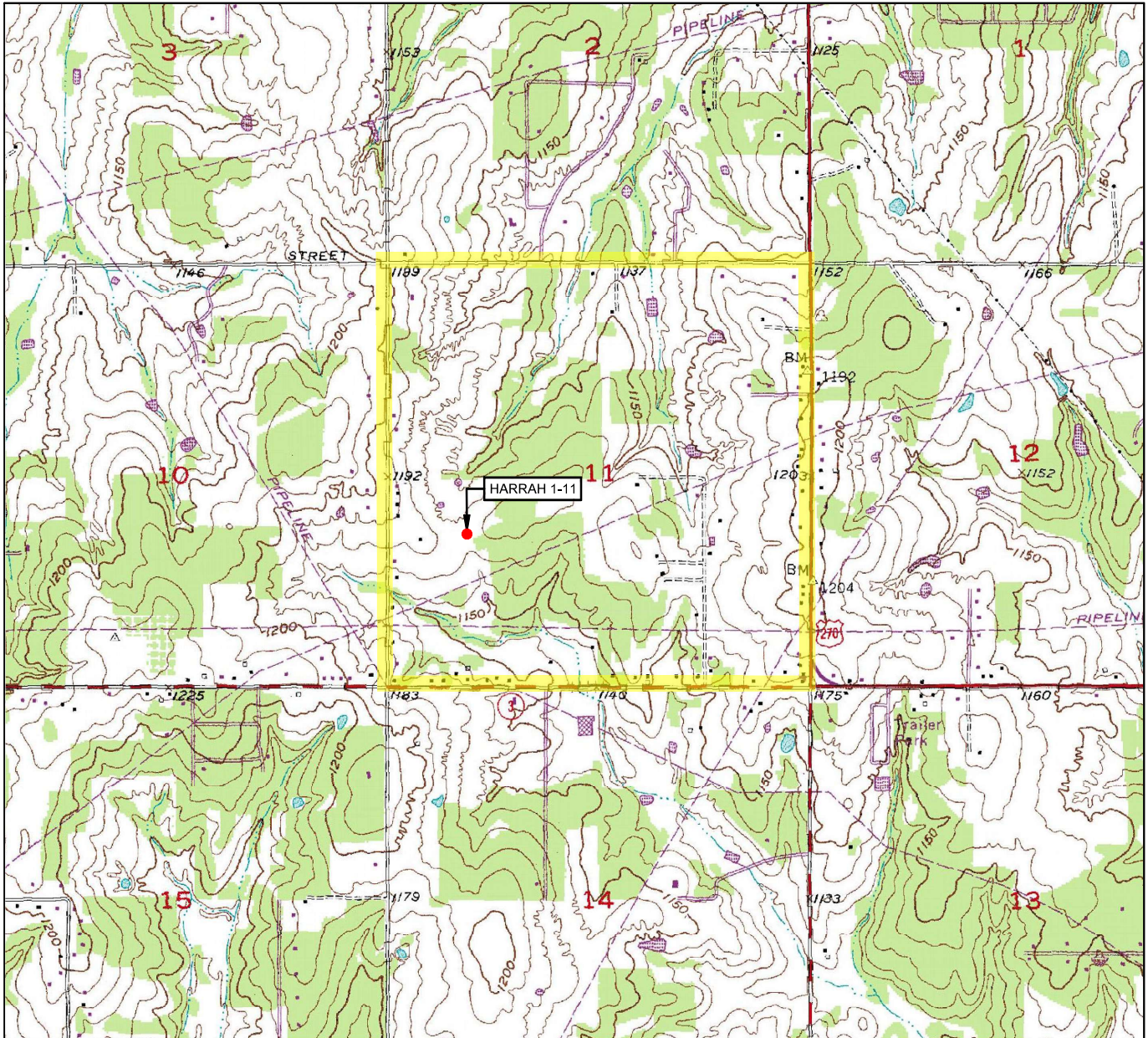


LEASE NAME & WELL NO. _____

SECTION 11 TWP 11N RGE 1E MERIDIAN I.M.
COUNTY OKLAHOMA STATE OKLAHOMA
DESCRIPTION 1862' FSL & 1028' FWL

HARRAH 1-11	REVISION:		NOTES:
	INT	DATE	
DATE: 12/08/2021			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 OKLAND 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. 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_HARRAH_1-11			
DRAWN BY: JM			
SHEET: 2 OF 2			

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. HARRAH 1-11

SECTION 11 TWP 11N RGE 1E MERIDIAN I.M.

COUNTY OKLAHOMA STATE OKLAHOMA

DESCRIPTION 1862' FSL & 1028' FWL

ELEVATION 1176'



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 OKLAND 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.

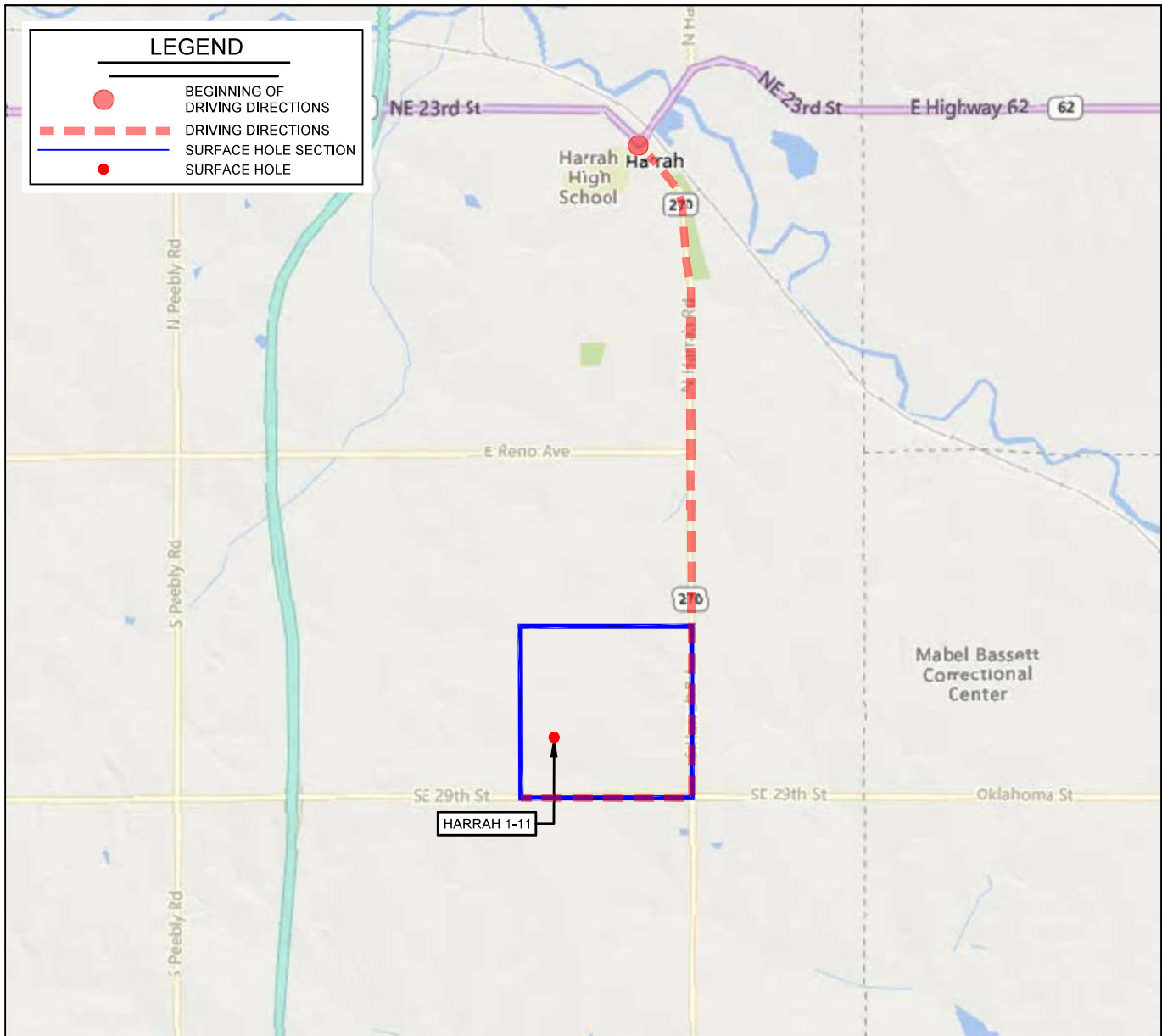
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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

VICINITY MAP



LEASE NAME & WELL NO. HARRAH 1-11

SECTION 11 TWP 11N RGE 1E MERIDIAN I.M.

COUNTY OKLAHOMA STATE OKLAHOMA

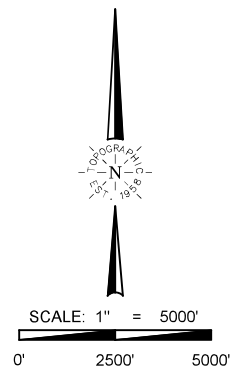
DESCRIPTION 1862' FSL & 1028' FWL

DISTANCE & DIRECTION

FROM HARRAH, OK, GO ± 3.9 MI. SOUTH ON OK-270, THEN GO ± 1.0 MI. WEST ON SE 29TH ST. TO THE SOUTHWEST CORNER OF SECTION 11-T11N-R1E.

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