API NUMBER: 073 26741

Horizontal Hole Oil & Gas

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

Approval Date: 02/18/2021
Expiration Date: 08/18/2022

PERMIT TO DRILL

WELL LOCATION: Section: 35 Township: 16N Range: 5W County: KINGFISHER

SPOT LOCATION: SE NE NW NE FEET FROM QUARTER: FROM **NORTH** FROM **EAST**

SECTION LINES: **360** **1340**

Lease Name: **HARMAN 26-16-5** **Well No:** **3H** **Well will be** **360** **feet from nearest unit or lease boundary.**

Operator Name: **BCE-MACH III LLC** Telephone: 4052528100 OTC/OCC Number: 24485 0

BCE-MACH III LLC
14201 WIRELESS WAY STE 300
OKLAHOMA CITY, OK 73134-2521

WARREN L. HARMAN LIVING TRUST
P.O. BOX 105
CASHION OK 73016

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

	Name	Code	Depth
1	MISSISSIPPIAN (LESS CHESTER)	359MSNLC	6658

Spacing Orders: 651750 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders

Pending CD Numbers: 202100188
202100189

Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 11926 Ground Elevation: 1083 **Surface Casing: 500** Depth to base of Treatable Water-Bearing FM: 90

Deep surface casing has been approved

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: 21-37524
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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C
Liner not required for Category: C
Pit Location is: NON HSA
Pit Location Formation: FAIRMONT

HORIZONTAL HOLE 1

Section: 26 Township: 16N Range: 5W Meridian: IM
County: KINGFISHER
Spot Location of End Point: NW NE NE NE
Feet From: **NORTH** 1/4 Section Line: 150
Feet From: **EAST** 1/4 Section Line: 380

Total Length: 4965
Measured Total Depth: 11926
True Vertical Depth: 6930
End Point Location from Lease,Unit, or Property Line: 150

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	[2/16/2021 - 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
PENDING CD - 202100188	[2/18/2021 - G56] - (E.O.) 26-16N-5W X651750 MSNLC 1 WELL NO OP NAMED REC 2/12/21 (THOMAS)
PENDING CD - 202100189	[2/18/2021 - G56] - (E.O.) 26-16N-5W X651750 MSNLC COMPL INT NCT 150' FSL, NCT 150' FNL, NCT 330' FEL NO OP NAMED REC 2/12/21 (THOMAS)
SPACING - 651750	[2/18/2021 - G56] - (640)(HOR) 26-16N-5W EXT 649156 MSNLC POE TO BHL NLT 660' FB (COEXIST WITH SP # 59564/61637 MSSLM)

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WELL LOCATION

HARMAN 26-16-5 3H
BCE MACH L.L.C.
SECTION 35, TOWNSHIP 16N, RANGE 5W, I.M.
KINGFISHER COUNTY, OKLAHOMA

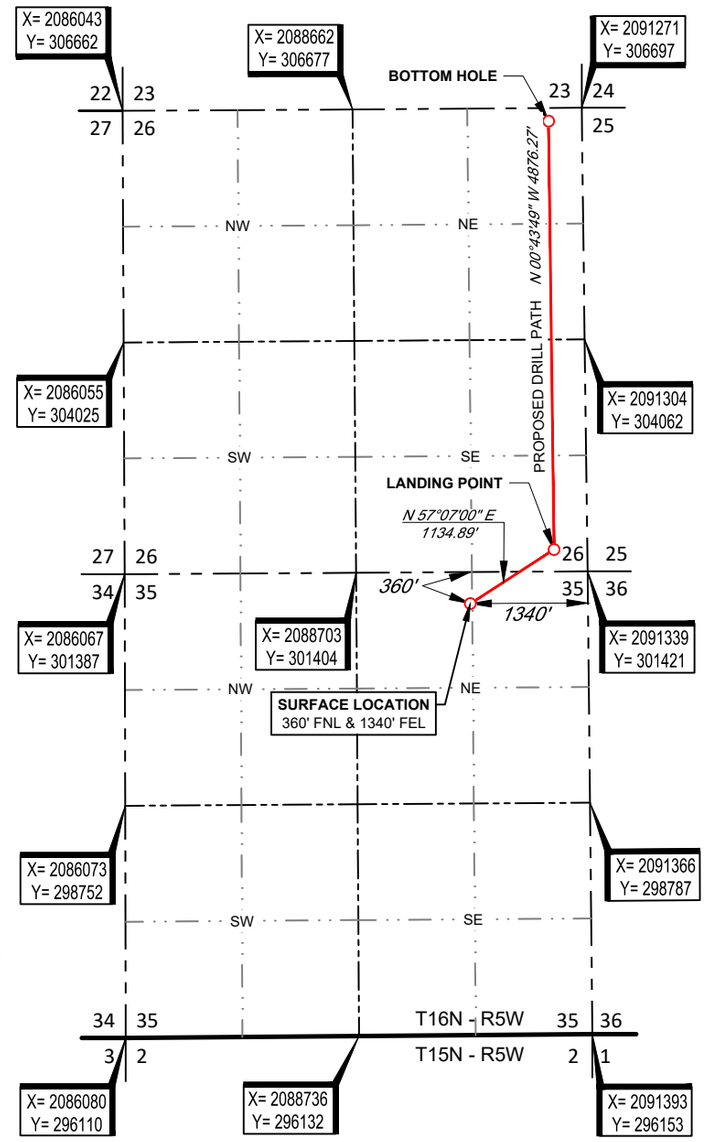
LEGEND

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

GRID
NAD-27
OK NORTH
US FEET

SCALE: 1" = 2000'

0' 1000' 2000'



BOTTOM HOLE
150' FNL & 380' FEL
NAD-27
X= 2090893
Y= 306545
LAT.: 35°50'30.3" N
LONG.: 97°41'36.0" W
LAT.: 35.841744° N
LONG.: 97.693340° W

SURFACE LOCATION
360' FNL & 1340' FEL
NAD-27
X= 2090002
Y= 301053
LAT.: 35°49'36.0" N
LONG.: 97°41'47.1" W
LAT.: 35.826664° N
LONG.: 97.696404° W
ELEV.: 1083'

LANDING POINT
250' FSL & 380' FEL
NAD-27
X= 2090955
Y= 301669
LAT.: 35°49'42.1" N
LONG.: 97°41'35.5" W
LAT.: 35.828349° N
LONG.: 97.693182° W

LICENSED PROFESSIONAL LAND SURVEYOR
T. WAYNE FISCH
1378
2-12-2021
OKLAHOMA

SURVEYOR'S CERTIFICATE:

I, T. WAYNE FISCH, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

T. Wayne Fisch

T. Wayne Fisch, P.L.S. No. 1378
Authorized Agent of Topographic Land Surveyors

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TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. HARMAN 26-16-5 3H

SECTION 35 TWP 16N RGE 5W MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 360' FNL & 1340' FEL

HARMAN 26-16-5 3H	REVISION: INT	DATE
	KEU	2/12/2021
DATE: 02/08/2021		
FILE:LO_HARMAN_26-16-5_3H_REV1		
DRAWN BY: KEU		
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 BCE MACH L.L.C.. 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.
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WELL LOCATION

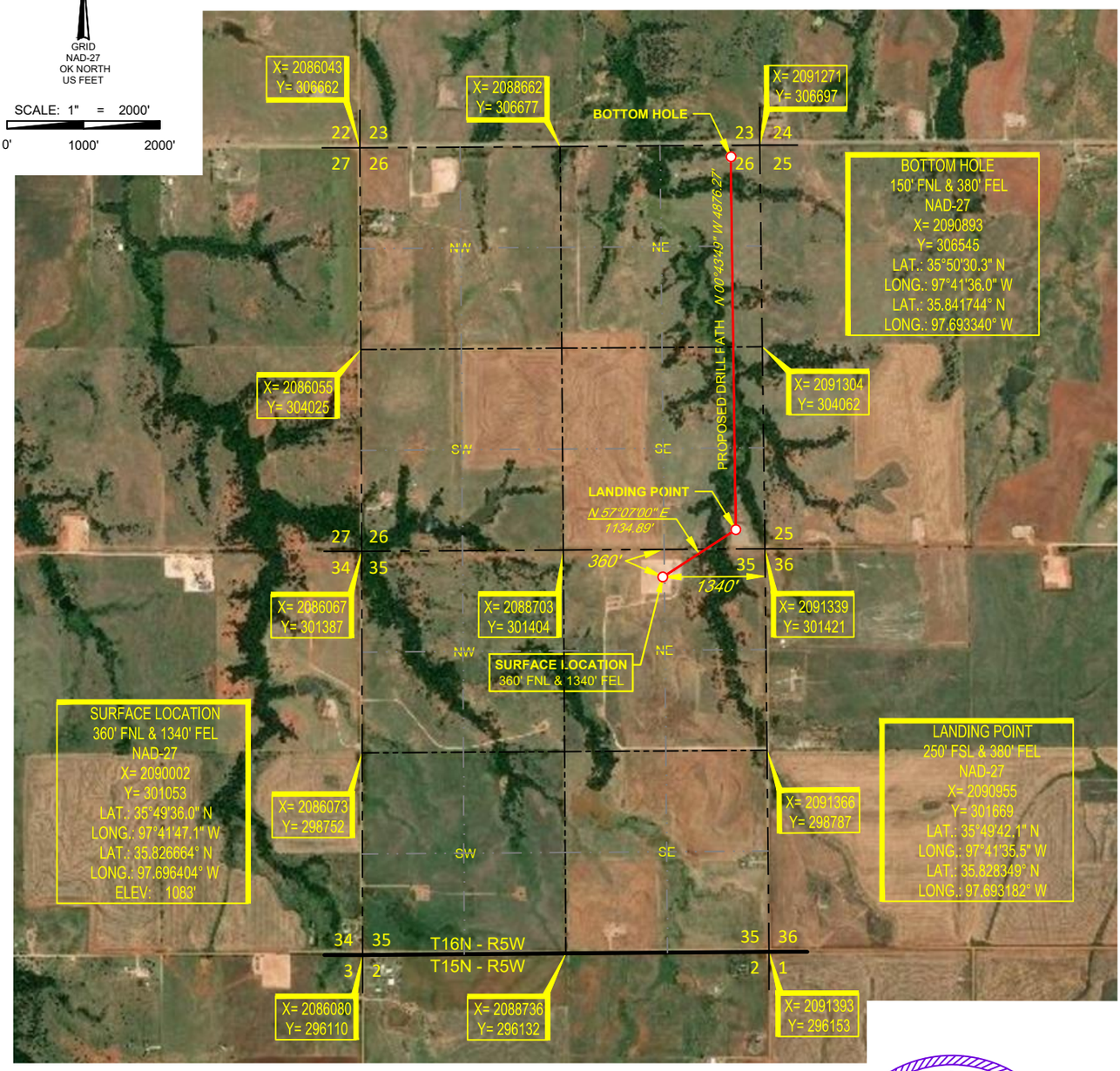
HARMAN 26-16-5 3H
BCE MACH L.L.C.
SECTION 35, TOWNSHIP 16N, RANGE 5W, I.M.
KINGFISHER COUNTY, OKLAHOMA

GRID
NAD-27
OK NORTH
US FEET

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

LEGEND

SECTION LINE
QUARTER SECTION LINE
16TH LINE
PROPOSED WELL BORE



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COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 360' FNL & 1340' FEL

HARMAN 26-16-5 3H	REVISION:	
	INT	DATE
	KEU	2/12/2021
DATE: 02/08/2021		
FILE:LO_HARMAN_26-16-5_3H_REV1		
DRAWN BY: KEU		
SHEET : 2 OF 2		

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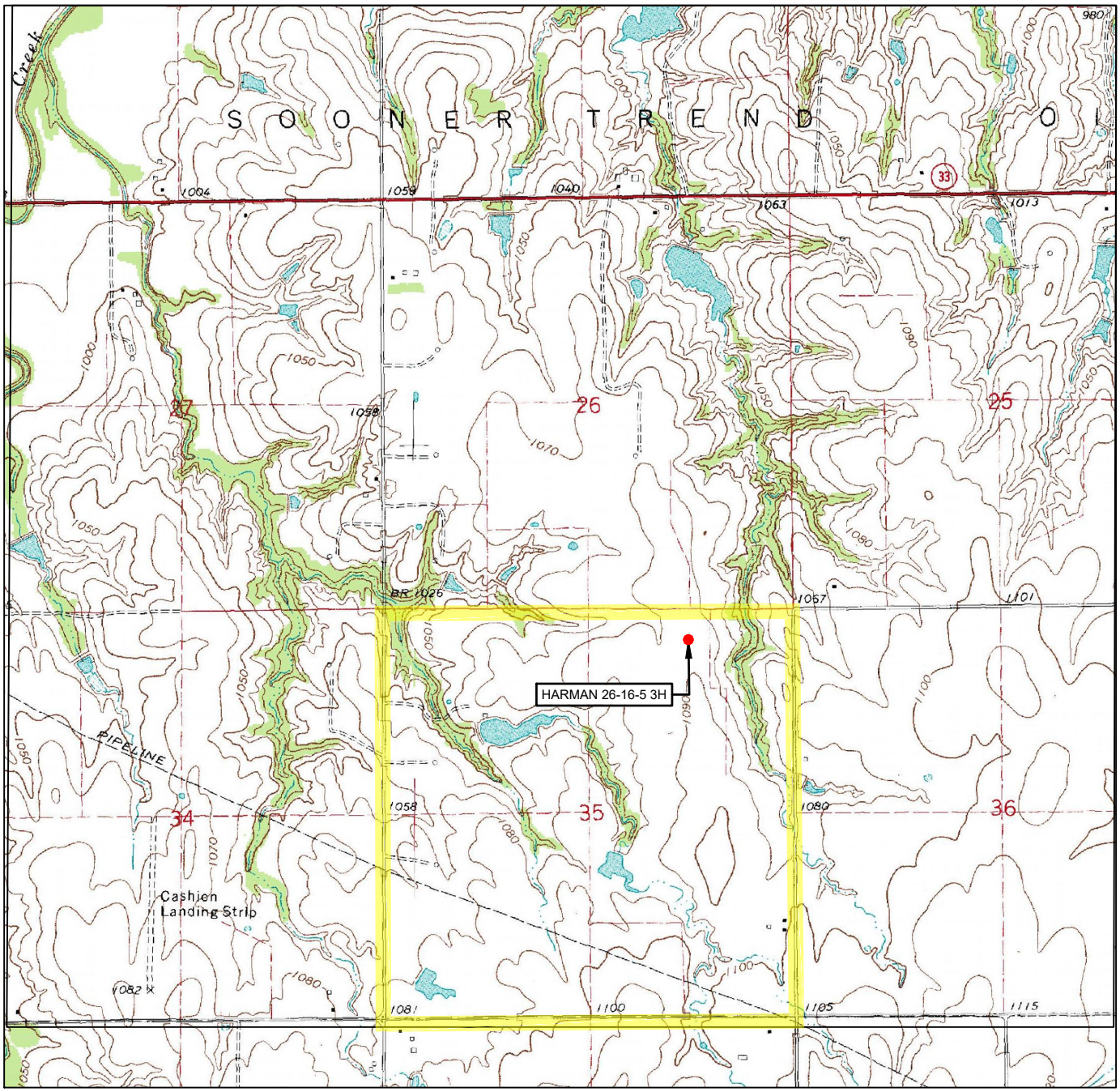
LOCATION & ELEVATION VERIFICATION MAP



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SECTION 35 TWP 16N RGE 5W MERIDIAN I.M.

COUNTY KINGFISHER STATE OKLAHOMA

DESCRIPTION 360' FNL & 1340' FEL

ELEVATION 1083'

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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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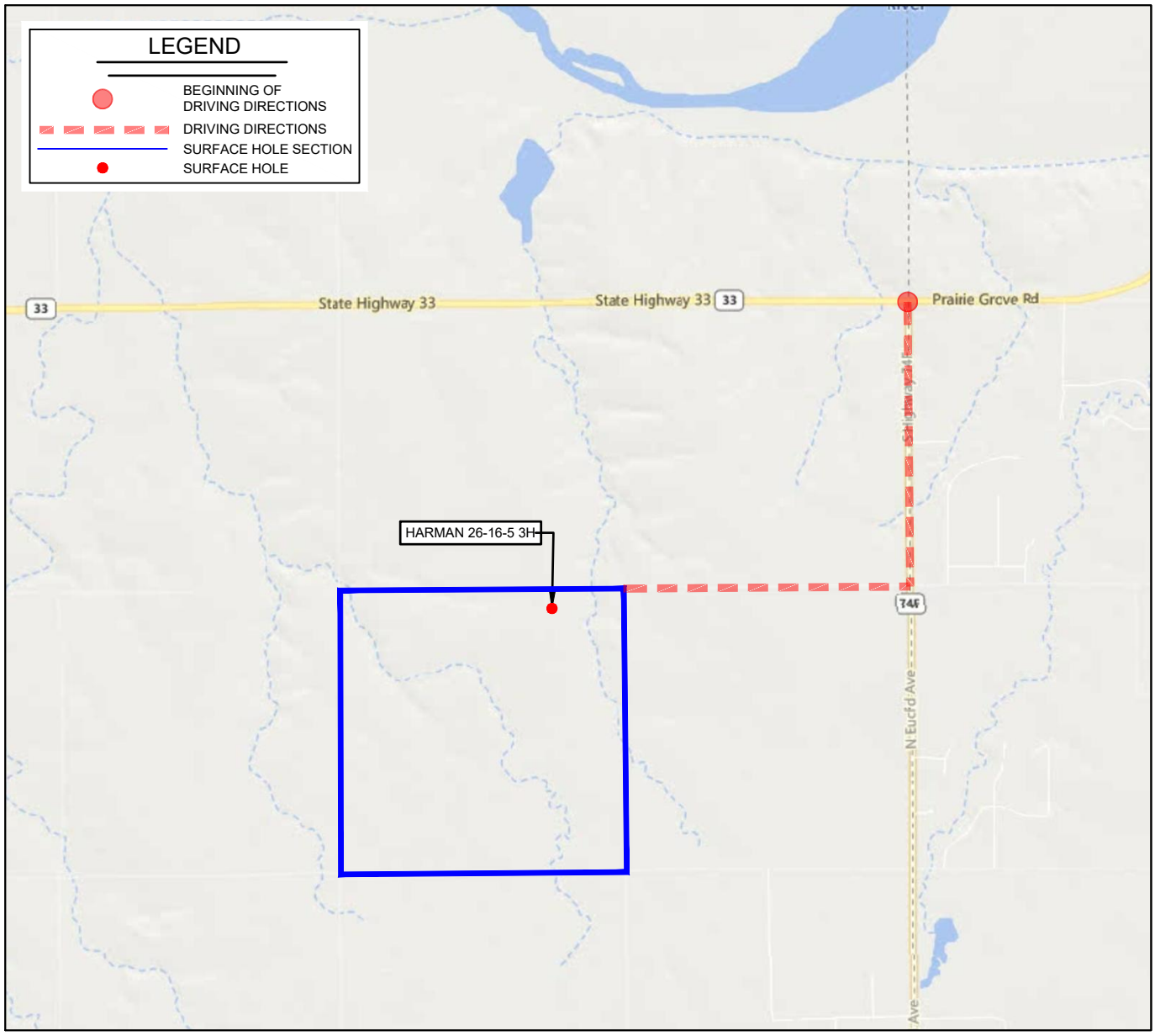
SCALE: 1" = 2000'

0' 1000' 2000'

VICINITY MAP



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DESCRIPTION 360' FNL & 1340' FEL

DISTANCE & DIRECTION

FROM THE JCT. OF ST. HWY 33 AND ST. HWY 74F, NORTH OF CASHION, OK, GO ± 1 MILE SOUTH ON ST. HWY 74F, THEN ± 1 MILE WEST TO THE NE COR. OF SEC. 35, T16N, R5W.

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SCALE: 1" = 3000'

0' 1500' 3000'

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