

API NUMBER: 093 25259

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

Approval Date: 08/24/2021
Expiration Date: 02/24/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 22N Range: 10W County: MAJOR

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 245 2055

Lease Name: KOEHN FARMS Well No: 1-18MH Well will be 245 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

RYAN KOEHN
46494 S. COUNTY ROAD 262
RINGWOOD OK 73768

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

Name	Code	Depth
1 MISSISSIPPI LIME	351MSSLM	8250

Spacing Orders: 179808

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202101533

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 12700

Ground Elevation: 1342

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 340

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: 21-37772

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: 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? 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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Section: 18 Township: 22N Range: 10W Meridian: IM
County: MAJOR

Total Length: 4980

Measured Total Depth: 12700

Spot Location of End Point: SW SW SE SE

True Vertical Depth: 8250

Feet From: SOUTH 1/4 Section Line: 165

End Point Location from
Lease, Unit, or Property Line: 165

Feet From: EAST 1/4 Section Line: 1000

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
DEEP SURFACE CASING	[8/17/2021 - GC2] - NO DEEP SURFACE CASING DUE TO BEING INSIDE A PUBLIC WATER SUPPLY WELL BOUNDARY
HYDRAULIC FRACTURING	<p>[8/17/2021 - 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>
PENDING CD - 202101533	<p>[8/24/2021 - GB1] - (E.O) 18-22N-10W X179808 MSSLM COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 660' FEL CRAWLEY PETROLEUM CORPORATION REC 8/20/21 (NORRIS)</p>
PUBLIC WATER SUPPLY	[8/17/2021 - GC2] - INDIAN CREEK WINERY, SE/4 7-22N-10W
SPACING - 179808	<p>[8/24/2021 - GB1] - (640) 18-22N-10W EXT OTHERS EXT 53379/57221 MSSLM</p>
SURFACE CASING	[8/17/2021 - GC2] - MIN. 400' PER ORDER 28067

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093 25259 KOEHN FARMS 1-18MH



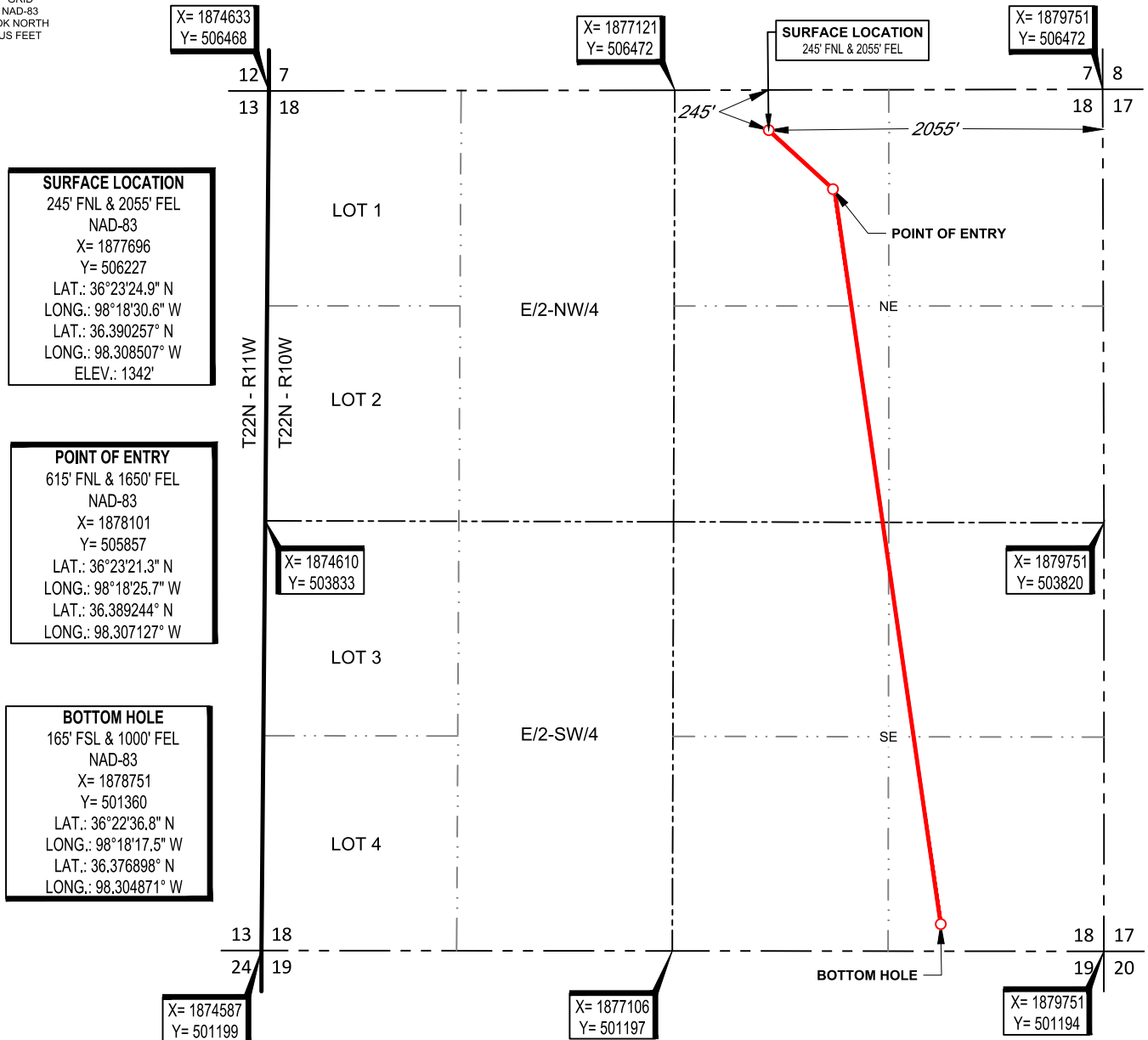
SCALE: 1" = 1000'
0' 500' 1000'

WELL LOCATION

KOEHN 1-18MH
CRAWLEY PETROLEUM CORP.
SECTION 18, TOWNSHIP 22N, RANGE 10W, I.M.
MAJOR COUNTY, OKLAHOMA

LEGEND

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



SURVEYOR'S CERTIFICATE:

I, DAN W. ROGERS, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

Dan W. Rogers



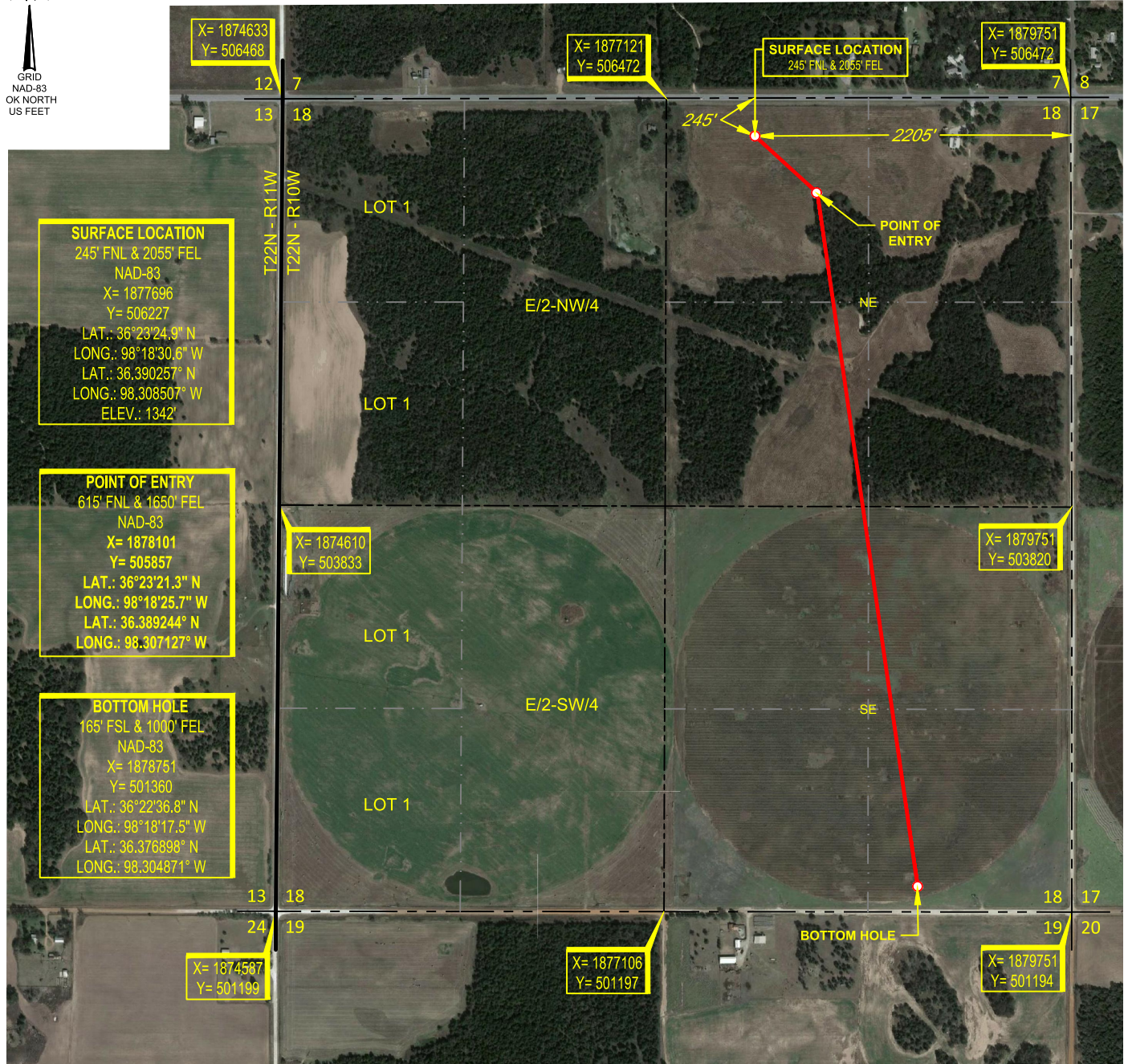
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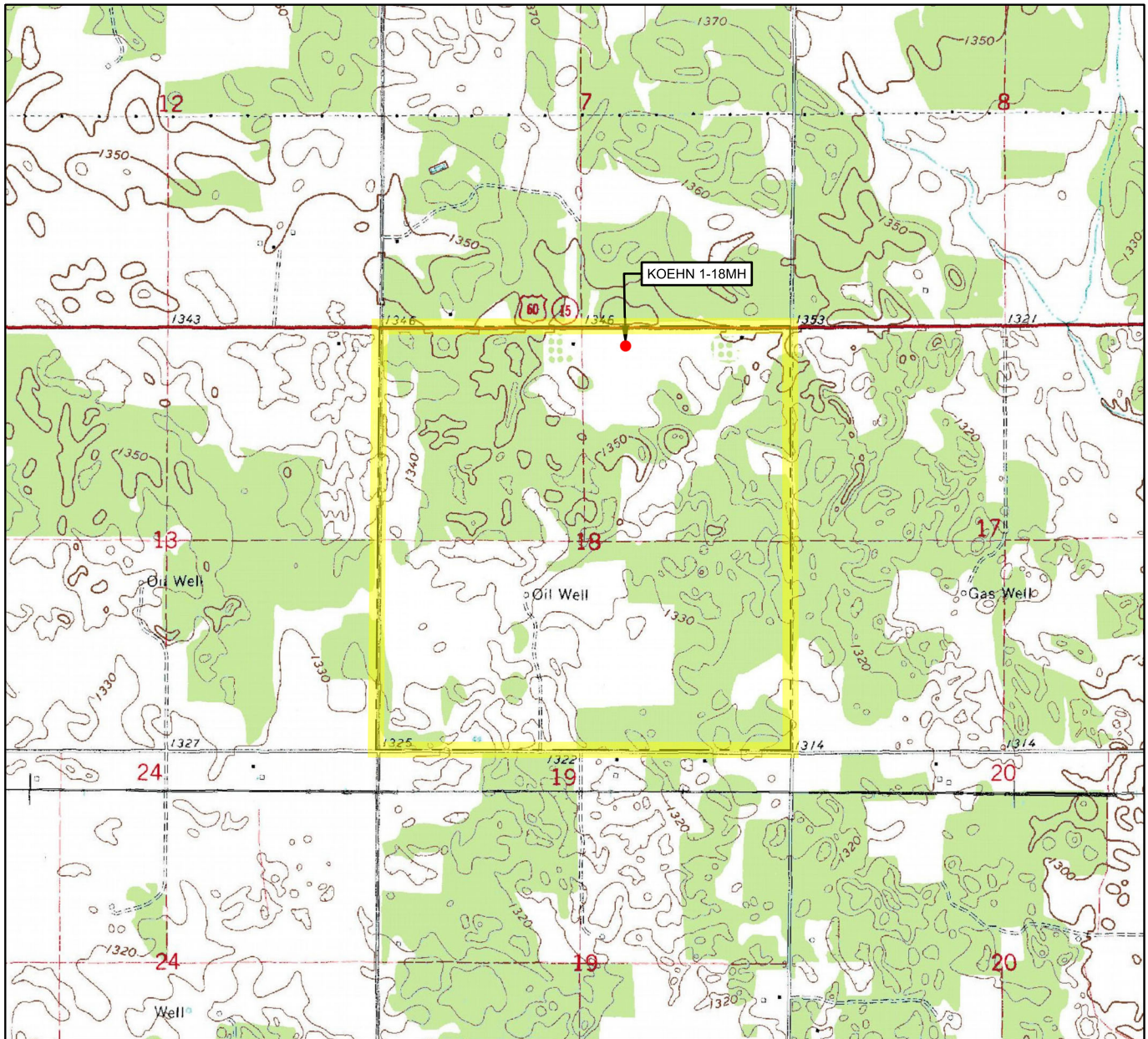


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LOCATION & ELEVATION VERIFICATION MAP



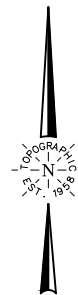
LEASE NAME & WELL NO. KOEHN 1-18MH

SECTION 18 TWP 22N RGE 10W MERIDIAN I.M.

COUNTY MAJOR STATE OKLAHOMA

DESCRIPTION 245' FNL & 2055' FEL

ELEVATION 1342'



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 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.

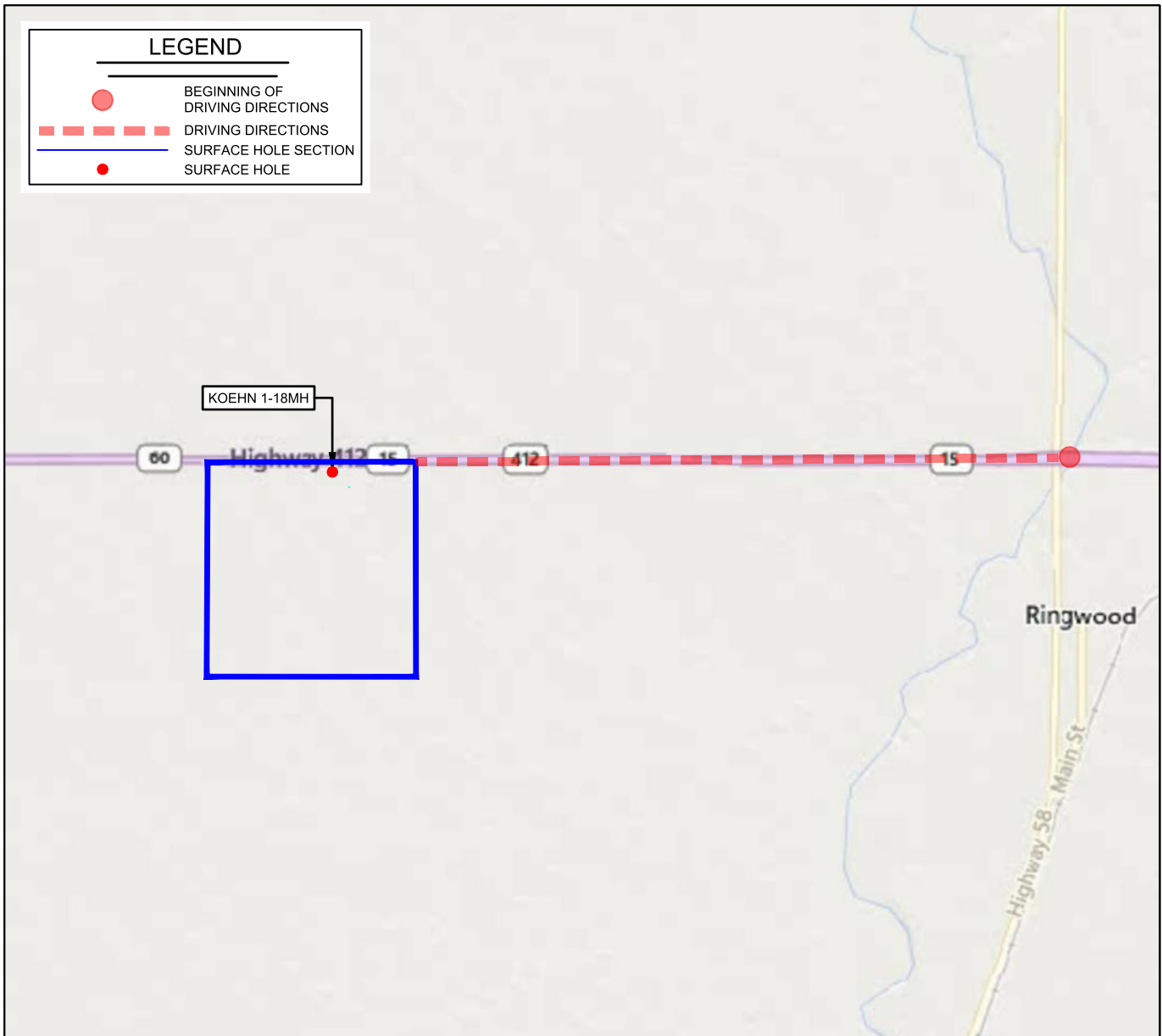
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.



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



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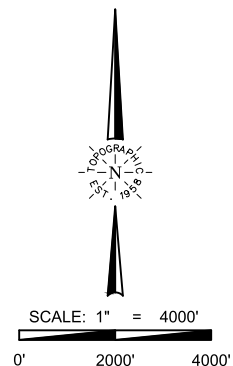
DESCRIPTION 245' FNL & 2055' FEL

DISTANCE & DIRECTION

FROM THE JCT OF HWY 412 AND 39 N. OF RINGWOOD OKLAHOMA,
GO WEST ON HWY 412 FOR 3.0 MILES TO THE NE CORNER OF
SECTION 18-T22N-R10W.

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