

API NUMBER: 093 25252

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

Approval Date: 12/04/2020
Expiration Date: 06/04/2022

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 21N Range: 13W County: MAJOR

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 221 900

Lease Name: JACK RABBIT Well No: 1-29MH Well will be 221 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

RONALD RAY WILCOX AND RUBY L. WILCOX
20625 HIGHWAY 60
FAIRVIEW OK 73737

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

Name	Code	Depth
1 MISSISSIPPI LIME	351MSSLM	8250

Spacing Orders: 194194

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202001839

Working interest owners' notified: ***

Special Orders: No Special Orders

202001840

Total Depth: 12720

Ground Elevation: 1558

Surface Casing: 850

Depth to base of Treatable Water-Bearing FM: 640

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: 20-37464

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 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: BLAINE

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 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: BLAINE

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: 29	Township: 21N	Range: 13W	Meridian: IM	Total Length: 4894
	County: MAJOR			Measured Total Depth: 12720
Spot Location of End Point: SE	SW	SE	SE	True Vertical Depth: 8250
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from
Feet From: EAST		1/4 Section Line: 700		Lease,Unit, or Property Line: 165

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[12/2/2020 - GB7] - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG</p>
MEMO	[12/2/2020 - GB7] - CLOSED SYSTEM=STEEL PITS REQUIRED DUE TO COTTONWOOD CREEK WATERSHED, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD – 202001839	<p>[12/4/2020 - GB6] - (I.O.) 29-21N-13W</p> <p>X194194 MSSLM</p> <p>COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 660' FEL</p> <p>NO OPER. NAMED</p> <p>REC. 12/01/2020 (NORRIS)</p>
PENDING CD – 202001840	<p>[12/4/2020 - GB6] - (I.O.) 29-21N-13W</p> <p>X194194 MSSLM</p> <p>2 WELLS</p> <p>NO OPER. NAMED</p> <p>REC. 12/01/2020 (NORRIS)</p>
SPACING – 194194	<p>[12/4/2020 - GB6] - (640) 29-21N-13W</p> <p>EXT 117613 MSSLM</p>

JACKRABBIT 1-29MH
CRAWLEY PETROLEUM CORPORATION
SECTION 29, TOWNSHIP 21N, RANGE 13W, I.M.
MAJOR COUNTY, OKLAHOMA

 SECTION LINE
 QUARTER SECTION LINE
 16TH LINE
 PROPOSED WELL BORE



GRID
NAD-83
OK NORTH
US FEET

SCALE: 1" = 2000'

0' 1000' 2000'

QNG: 98.6072040° V

LONG: 98.6072790° W

X= 1784989.09
Y= 464859.38

X= 1787605.78
Y= 464836.53

X= 1790222.45
Y= 464813.84

X= 1784977.68
Y= 462227.78

X= 1790192.82
Y= 462187.89

X= 1784966.12
Y= 459599.33

X= 1787564.43
Y= 459578.07

X= 1790163.32
Y= 459556.25

Dan W. Rogers P.L.S. No. 1200
Authorized Agent of Topographic Land Surveyors

SECTION 29 TWP 21N RGE 13W MERIDIAN 1.M.
COUNTY _____ MAJOR _____ STATE OKLAHOMA
DESCRIPTION 221' FNL & 900' FEL



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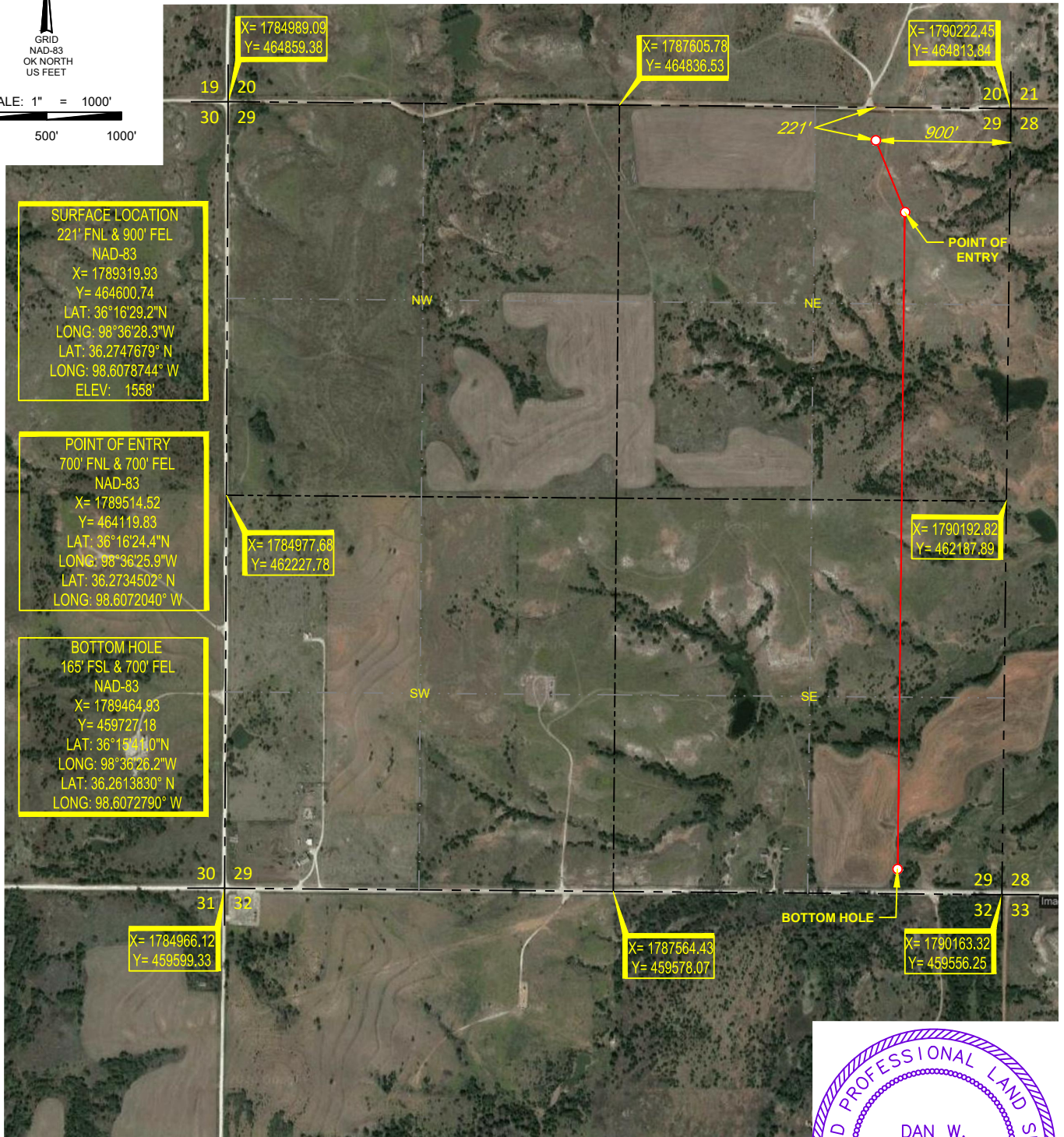
JACKRABBIT 1-29MH	REVISION:	
	INT	DATE
DATE: 11/3/2020		
FILE:LO_JACKRABBIT_1-29MH		
DRAWN BY: KEU		
SHEET : 1 OF 3		

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 83 - HORIZONTAL AND THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
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 CRAWLEY PETROLEUM CORPORATION. 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. POINT OF ENTRY, 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

JACKRABBIT 1-29MH
CRAWLEY PETROLEUM CORPORATION
SECTION 29, TOWNSHIP 21N, RANGE 13W I.M.
MAJOR COUNTY, OKLAHOMA

 SECTION LINE
 QUARTER SECTION LINE
 16TH LINE
 PROPOSED WELL BORE



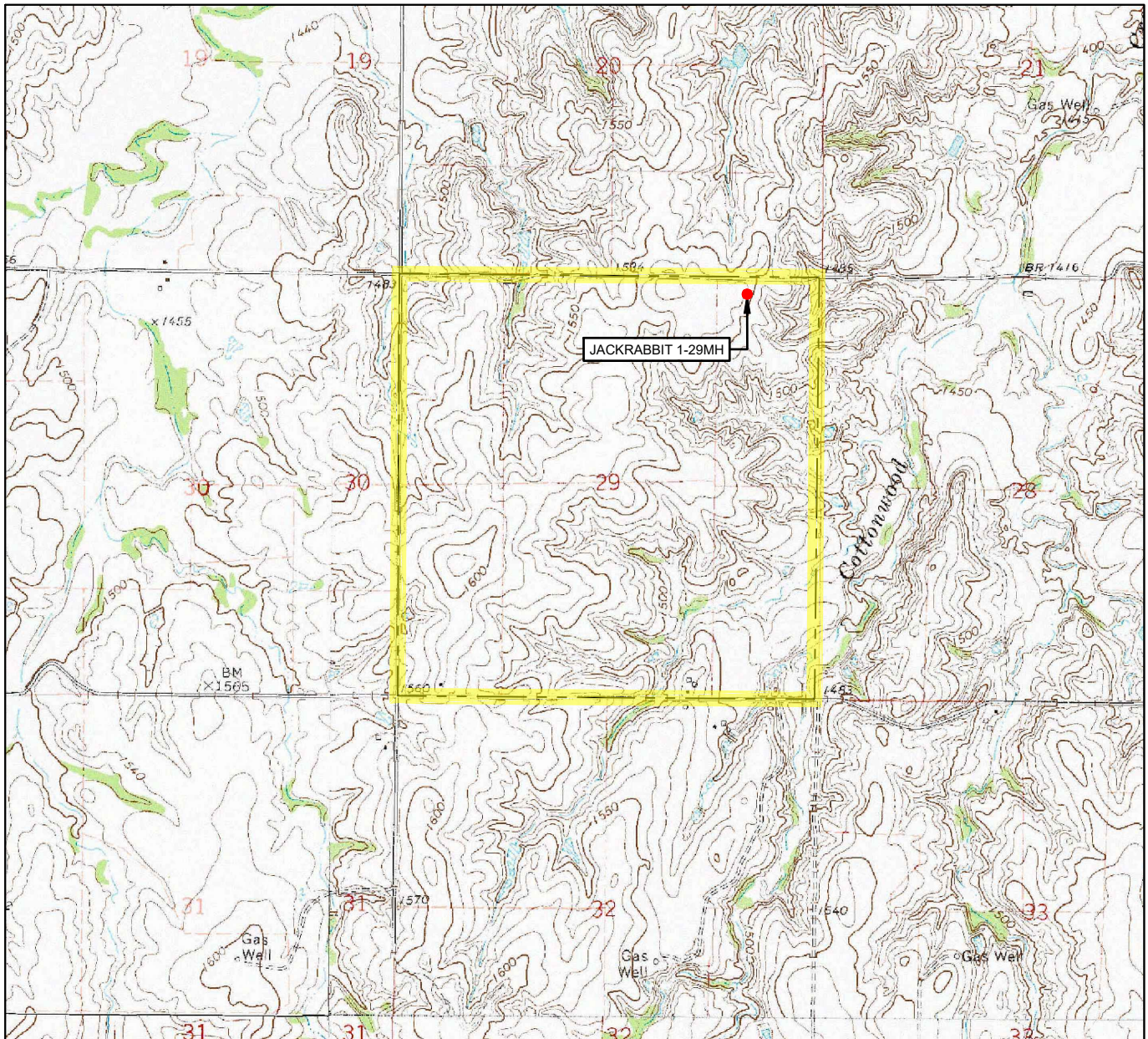
DAN W.
ROGERS
1200
11-04-2020
OKLAHOMA

SECTION 29 TWP 21N RGE 13W MERIDIAN 1.M.
COUNTY _____ MAJOR _____ STATE OKLAHOMA
DESCRIPTION 221' FNL & 900' FEL

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LOCATION & ELEVATION VERIFICATION MAP



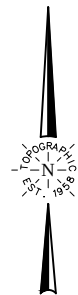
LEASE NAME & WELL NO. JACKRABBIT 1-29MH

SECTION 29 TWP 21N RGE 13W MERIDIAN I.M.

COUNTY MAJOR STATE OKLAHOMA

DESCRIPTION 221' FNL & 900' FEL

ELEVATION 1558'



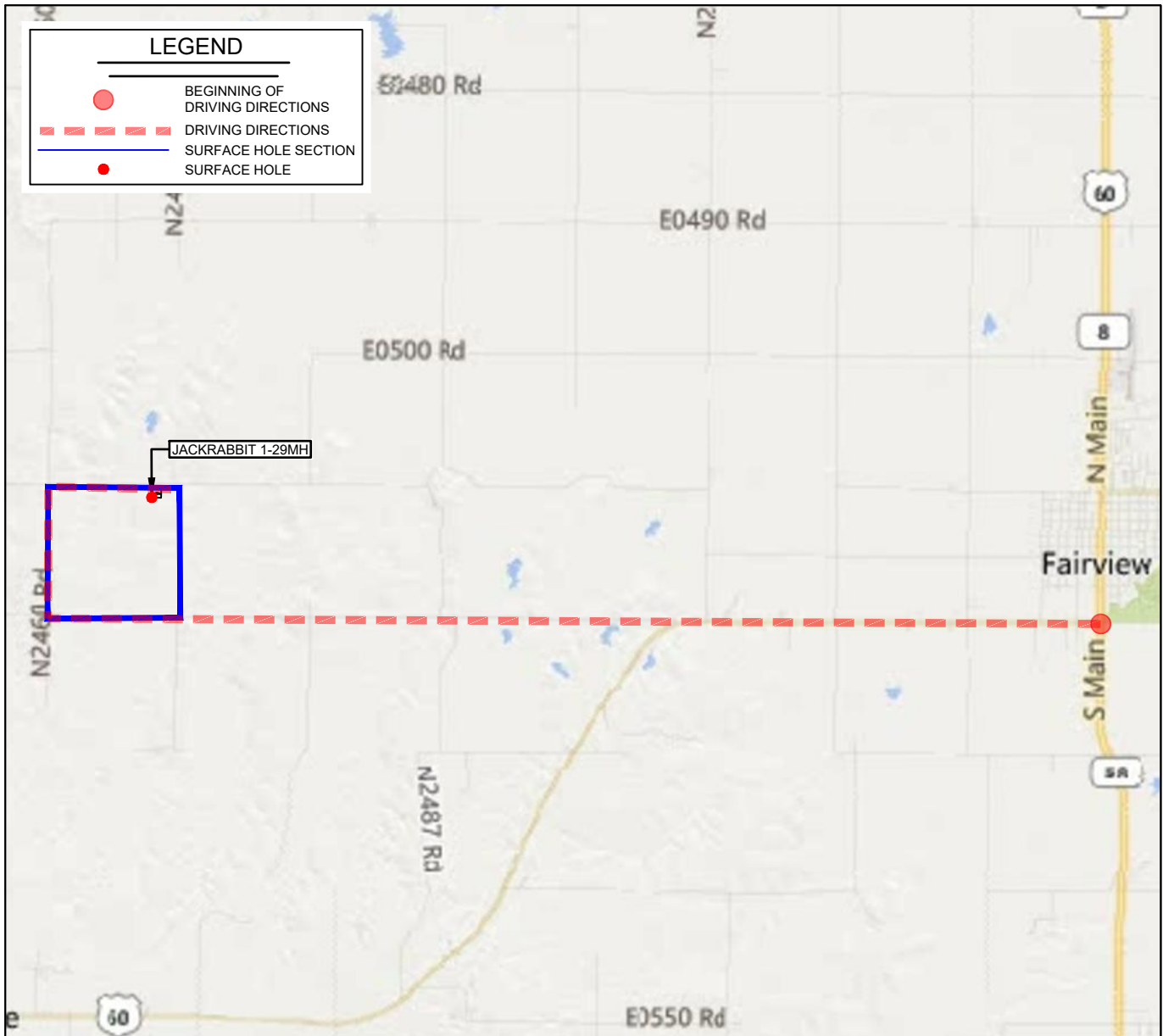
SCALE: 1" = 2000'
0' 1000' 2000'

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 CORPORATION. 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, NAVD88.

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VICINITY MAP



LEASE NAME & WELL NO. JACKRABBIT 1-29MH

SECTION 29 TWP 21N RGE 13W MERIDIAN I.M.

COUNTY MAJOR STATE OKLAHOMA

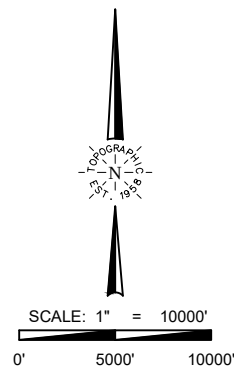
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DISTANCE & DIRECTION

FROM THE JCT OF HWYS 60 AND 58 ON THE SOUTH SIDE OF FAIRVIEW, OK, GO WEST ON US HWY 60 FOR 3.1 MILES. GO WEST ON E 0520 RD FOR 4.9 MILES, THEN GO NORTH ON N 2460 RD FOR 1.0 MILE TO THE NW CORNER OF SECTION 29, T21N R13W, THEN GO 1 MILE EAST TO NE CORNER OF SECTION 29, T21N R13W.

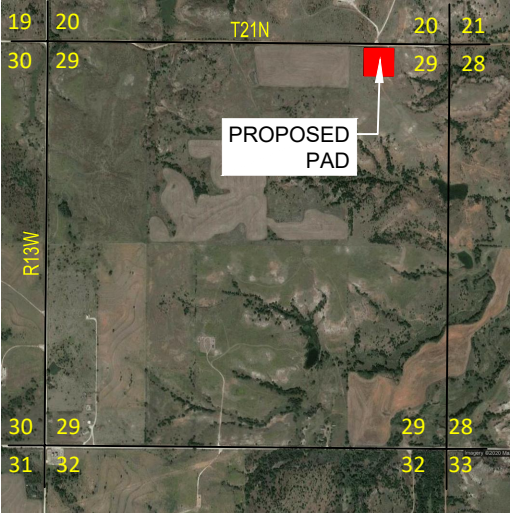
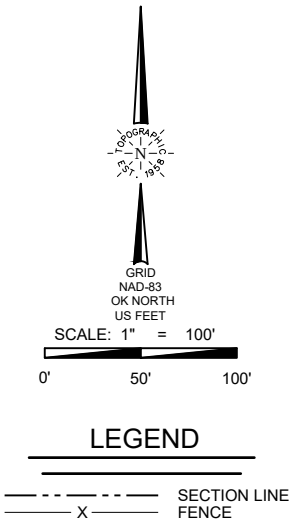
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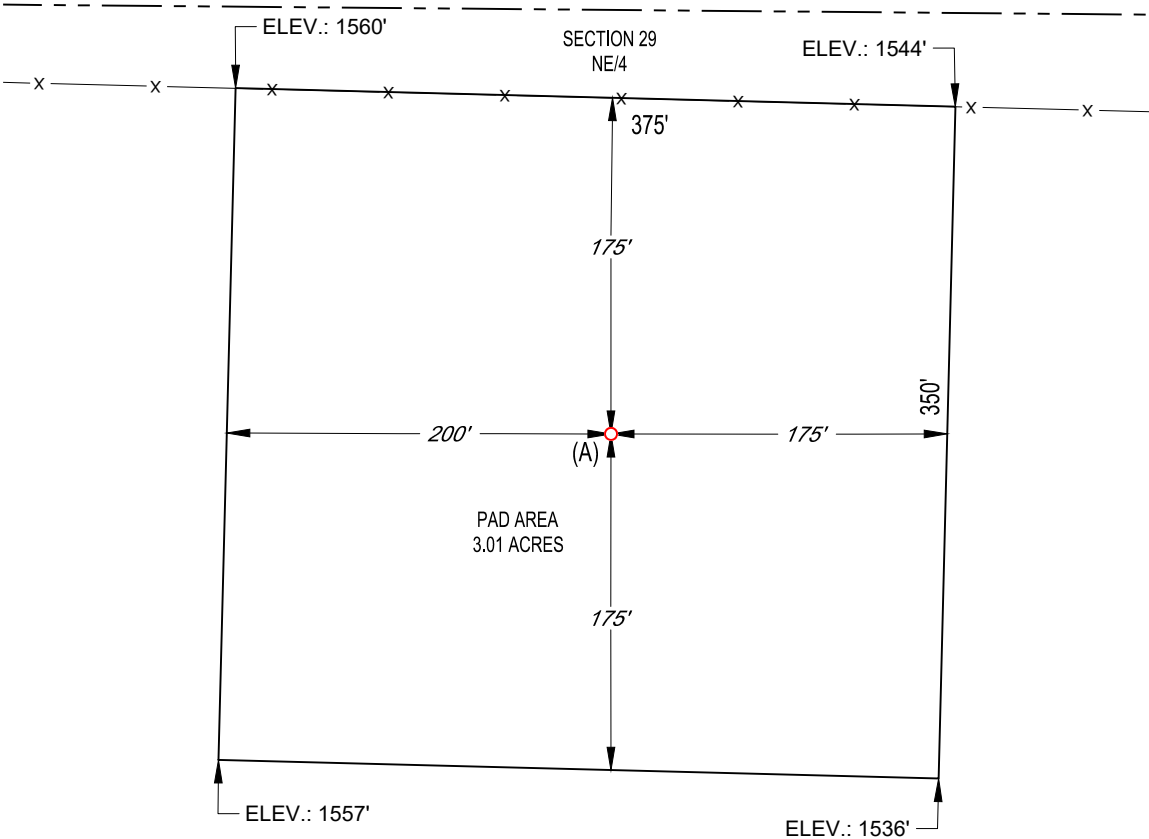


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SURFACE USE PLAT
JACKRABBIT 1-29MH
CRAWLEY PETROLEUM CORPORATION
SECTION 29, TOWNSHIP 21N, RANGE 13W, I.M.
MAJOR COUNTY, OKLAHOMA



(A) JACKRABBIT 1-29MH
SURVEY LINE PERPENDICULARS:
221' FNL & 900' FEL
ELEVATION: 1558' (NAVD88)
COORDINATES:
NAD 83 OK NORTH ZONE:
X= 1789319.93 Y= 464600.74
LAT.: 36°16'29.2" N LONG.: 98°36'28.3" W
LAT.: 36.2747679° N LONG.: 98.6078744° W



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