

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

API NUMBER: 125 23952

Approval Date: 11/25/2019

Expiration Date: 05/25/2021

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 11N Rge: 2E

County: POTTAWATOMIE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 2390

Lease Name: ROOKER

Well No: 1-27D

Well will be 243 feet from nearest unit or lease boundary.

Operator Name: OKLAND OIL COMPANY

Telephone: 8063233000

OTC/OCC Number: 7910 0

OKLAND OIL COMPANY
110 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-9022

ROOKER 2016 REV TRUST U/A/D 8-9-2016
P O BOX 685
MCLOUD OK 74851

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

	Name	Depth		Name	Depth
1	OSWEGO	4909	6	BARTLESVILLE	5115
2	PRUE	4930	7	PENN UNCONF	5351
3	SKINNER	4950	8	WOODFORD	5494
4	RED FORK	4983	9	MISENER	5559
5	EARLSBORO	4993	10	HUNTON	5561

Spacing Orders: 689531

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5790

Ground Elevation: 1038

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37093

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH DEER CREEK)

DIRECTIONAL HOLE 1

Sec 27 Twp 11N Rge 2E County POTTAWATOMIE

Spot Location of End Point: E2 SW SE NW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1890

Measured Total Depth: 5790

True Vertical Depth: 5725

End Point Location from Lease,

Unit, or Property Line: 330

Additional Surface Owner

Address

City, State, Zip

JACK ERNEST ROOKER & SARAH E

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>11/18/2019 - G71 - 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: OCCWEB.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>
SPACING - 689531	<p>11/25/2019 - GB6 - (80) E2 NW4 27-11N-2E SU (SE4 NW4) EST OSWG, PRUE, SKNR, RDFK, ERLB, BRVL, PVUNC, WDFD, MSNR, HNTN</p>

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

125-23952

POTTAWATOMIE

County, Oklahoma

330'FSL - 2390'FWL - NW/4 Section 27 Township 11N Range 2E I.M.

X 2271444
Y 755402

X 2274082
Y 755428

ABANDONED RAILROAD

102

LEVEE

CALCULATED
PER CCR
BY LS #1298
X 2274094
Y 754106

X 2271476
Y 752766

2390'

330'

X 2274109
Y 752792

X 2272794
Y 752785



GRID
NAD-27
OK SOUTH
US FEET
Scale:

1" = 1000'

0 1000'

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

Operator: OKLAND OIL COMPANY

Lease Name: ROOKER

Well No.: 1-27

ELEVATION:

1038' Gr. at Stake

Topography & Vegetation LOCATION FELL IN LEVEL PASTURE

Good Drill Site? YES

Reference Stakes or Alternate Location
Stakes Set NONE

Best Accessibility to Location On flagged trail road from SE Corner of Section 27.

Distance & Direction

from Hwy Jct or Town From the Junction OF I-40 and St. Highway 102 go North ±0.5 mile on St. Highway 102,

Thence East on E-W Road 112 for ±1.0 MILE to Southeast corner Section 27, T11N-R2E.

DATUM: NAD-27

LAT: 35°23'57.6"N

LONG: 97°04'52.2"W

LAT: 35.399327477°N

LONG: 97.081160135°W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 2273862

Y: 753121

Project # 131520

Date of Drawing: Nov. 13, 2019

Date Staked: Nov. 12, 2019

KH

CERTIFICATE:

I, Dan W. Rogers, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Dan W. Rogers

Oklahoma Reg. No. 1200



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

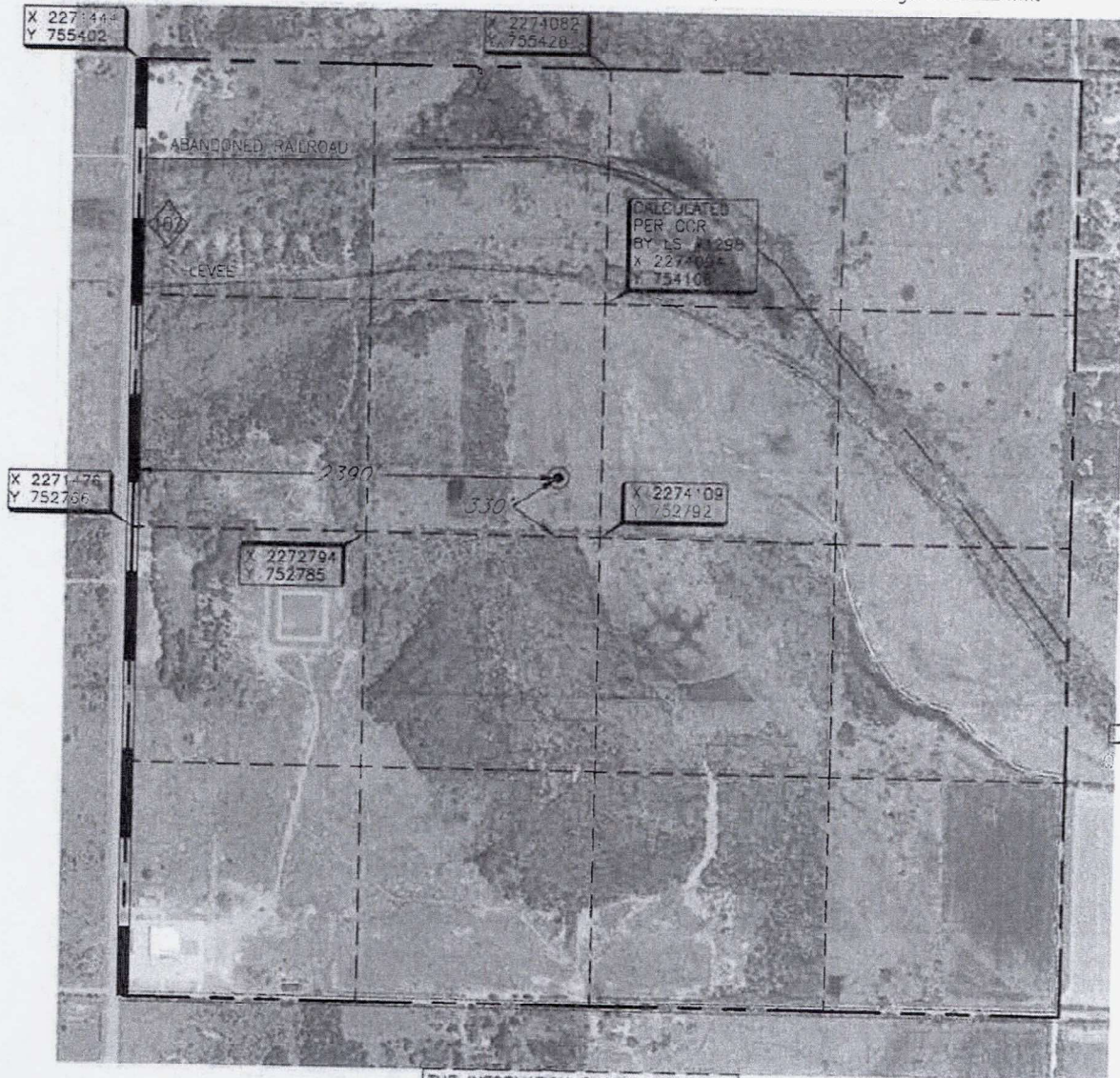
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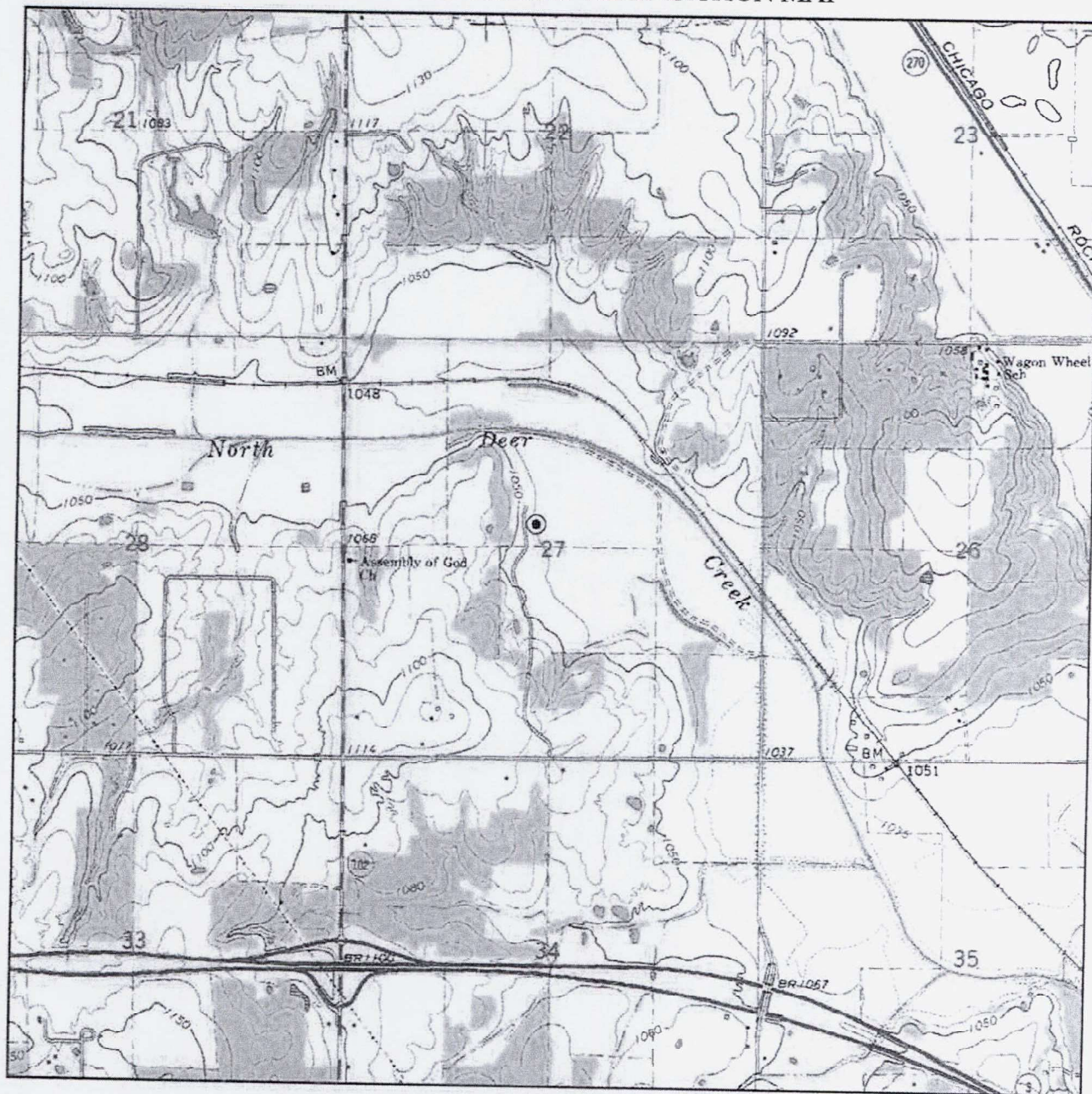
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way Oklahoma City, OK 73134 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 27 Twp. 11N Rng. 2E I.M.

County POTTAWATOMIE State OK

Operator OKLAND OIL COMPANY

Description 330' FSL - 2390' FWL - NW/4

Lease ROOKER 1-27

Elevation 1038' Gr at Stake

Above Background Data from
U.S.G.S. Topographic Map
Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground elevation of the location stake.
Review this plat and inform us immediately of any possible discrepancy.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

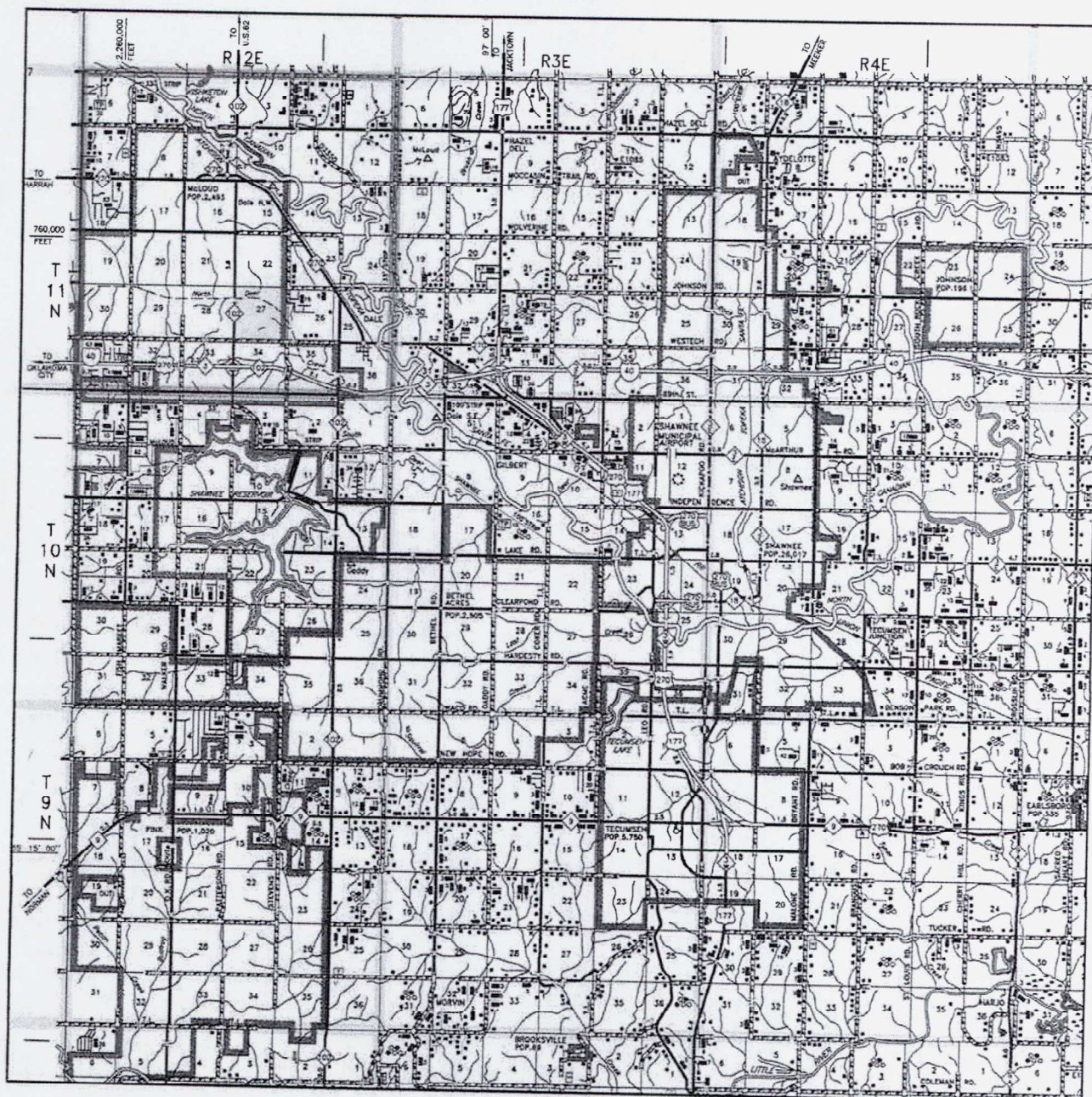
LAND SURVEYORS OF OKLAHOMA

November 12, 2019

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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13800 Wireless Way Oklahoma City, OK 73134 www.topographic.com
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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 27 Twp. 11N Rng. 2E I.M.

County POTTAWATOMIE State OK

Operator OKLAND OIL COMPANY



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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