

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 A

Approval Date: 11/25/2019  
Expiration Date: 05/25/2021

Directional Hole Oil & Gas

Amend reason: UPDATE DEPTH, SHL, BHL, AND SURFACE  
CASING DEPTH

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 27 Township: 11N Range: 2E County: POTTAWATOMIE

SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 330 2365

Lease Name: ROOKER Well No: 1-27D Well will be 269 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

JACK ERNEST ROOKER AND SARAH EMMA ROOKER  
2016 REVOCABLE TRUST PO BOX 685  
MCLLOUD OK 74851

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

	Name	Code	Depth
1	OSWEGO	404OSWG	4909
2	PRUE	404PRUE	4930
3	SKINNER	404SKNR	4950
4	RED FORK	404RDFK	4983
5	EARLSBORO	404ERLB	4993

	Name	Code	Depth
6	BARTLESVILLE	404BRVL	5115
7	PENN UNCONF	401PVUNC	5351
8	WOODFORD	319WDFD	5494
9	MISENER	319MSNR	5559
10	HUNTON	269HNTN	5561

Spacing Orders: 689531  
706528

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 5769 Ground Elevation: 1038

Surface Casing: 1000

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37093  
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH DEER CREEK)

**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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

**DIRECTIONAL HOLE 1**

Section: 27 Township: 11N Range: 2E

Total Length: 0

County: POTTAWATOMIE

Measured Total Depth: 5769

Spot Location of End Point: NE SW SE NW

True Vertical Depth: 5723

Feet From: SOUTH 1/4 Section Line: 360

End Point Location from  
Lease, Unit, or Property Line: 360

Feet From: WEST 1/4 Section Line: 1890

**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	3/2/2020 - GC2 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 689531	<p>3/11/2020 - GB6 - (80) E2 NW4 27-11N-2E SU (SE4 NW4 27)  VAC 191490 OSWG, PRUE, SKNR, RDFK, ERLB, BRVL, UCFM, MSNR, HNTN, OTHER FOR E2 NW4 27-11N-2E**  EST OSWG, PRUE, SKNR, RDFK, ERLB, BRVL, PVUNC, WDFD, MSNR, HNTN</p> <p>** CORRECTED BY 706528</p>
SPACING - 706528	<p>3/11/2020 - GB6 - (80) E2 NW4 27-11N-2E SU (SE4 NW4 27)  NPT; CORRECTED 689531 TO WITHDRAW REQUEST TO VACATE 191490</p>

This permit does not address the right of entry or settlement of surface damages.

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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.

125 23952 ROOKER 1-27D