

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

API NUMBER: 085 21308 A

Approval Date: 07/17/2019
Expiration Date: 01/17/2021

Straight Hole Oil & Gas

Amend reason: ADD LAND APPLICATION PERMIT # 19-3706.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 6S Rge: 1W County: LOVE
SPOT LOCATION: NW SE NW NW FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1920 1945

Lease Name: NORTH PIKE SANDERS UNIT Well No: 2-1 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: JONES L E OPERATING INC Telephone: 5802551191 OTC/OCC Number: 19169 0

JONES L E OPERATING INC
PO BOX 1185
DUNCAN, OK 73534-1185

DAN THOMAS
26548 GARNET RD
BURNEYVILLE OK 73430

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

Name	Depth	Name	Depth
1 SANDERS	7420	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 662476 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 7800 Ground Elevation: 745 Surface Casing: 780 Depth to base of Treatable Water-Bearing FM: 730

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3500 Average: 2500

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37036
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - SIMON CREEK)

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

6/19/2019 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

SPACING - 662476

7/15/2019 - GB6 - (UNIT) W2, SE4, S2 NW4 NE4, SW4 NE4, NW4 SE4 NE4, S2 SE4 NE4 31-6S-1W EST NORTH PIKE SANDERS UNIT FOR SDRS