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

API NUMBER: 101 22938 A

Approval Date: 09/13/2018
Expiration Date: 03/13/2020

Straight Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 15N Rge: 15E County: MUSKOGEE

SPOT LOCATION: S2 NE SE NW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: **860** **2310**

Lease Name: BIG D **Well No: 29-6A** **Well will be 460 feet from nearest unit or lease boundary.**

Operator Name: **J & J PRODUCTION COMPANY LLC** Telephone: 9186236363 OTC/OCC Number: 4183 0

J & J PRODUCTION COMPANY LLC
PO BOX 561
OKEMAH, OK 74859-0561

STEPHEN B. SMITH
2121 E. 76 STREET NORTH
SPERRY OK 74073

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

	Name	Depth		Name	Depth
1	SENORA	345	6	WILCOX	2040
2	BOOCH	1020	7	ARBUCKLE	2395
3	GILCREASE	1550	8		
4	WOODFORD	1930	9		
5	VIOLA	1970	10		

Spacing Orders: No Spacing
Location Exception Orders:
Increased Density Orders:

Pending CD Numbers:
Special Orders:

Total Depth: 2800 Ground Elevation: 660 **Surface Casing: 150** Depth to base of Treatable Water-Bearing FM: 40

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

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: WATER BASED
Chlorides Max: 5000 Average: 1000
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: 2
Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: SENORA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX 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	9/10/2018 - 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	11/14/2018 - G75 - FORMATIONS UNSPACED; 180-ACRE LEASE (S2 NW4, S2 NE4, S2 NE4 NE4)
SURFACE LOCATION	11/14/2018 - G75 - 860' FSL, 2310' FWL NW4 29-15N-15E PER OPERATOR