

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

API NUMBER: 101 22939

Approval Date: 09/13/2018

Expiration Date: 03/13/2019

Straight Hole

Oil & Gas

PERMIT TO DRILL

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

County: MUSKOGEE

SPOT LOCATION:

E2

NE

SW

NW

FEET FROM QUARTER:

FROM

SOUTH

FROM

WEST

SECTION LINES:

990

1100

Lease Name: BIG D

Well No: 29-5A

Well will be 330 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	350	6	WILCOX	2050
2	BOOCH	1020	7	ARBUCKLE	2400
3	GILCREASE	1550	8		
4	WOODFORD	1930	9		
5	VIOLA	1980	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2800

Ground Elevation: 666

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

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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

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	<p>9/10/2018 - 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	<p>9/13/2018 - G57 - FORMATIONS UNSPACED; LEASE OUTLINE 40-ACRES (SE4 NW4) PER OPERATOR</p>