

API NUMBER: 083 24421

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

Approval Date: 02/27/2018  
Expiration Date: 08/27/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 15N Rge: 2W

County: LOGAN

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2475 1485

Lease Name: SUMMIT

Well No: 1-22

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: O'BRIEN OIL CORPORATION

Telephone: 4052826500

OTC/OCC Number: 22501 0

O'BRIEN OIL CORPORATION  
201 W OKLAHOMA AVE STE 233  
GUTHRIE, OK 73044-3154

DODSON FAMILY TRUST  
1850 EAST LAKEWOOD DRIVE  
GUTHRIE OK 73044

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

	Name	Depth		Name	Depth
1	LAYTON	4450	6	VIOLA	5850
2	CLEVELAND	4500	7	SIMPSON DOLOMITE	5900
3	OSWEGO	5420	8	1ST WILCOX	6000
4	SKINNER	5625	9	MARSHALL	6050
5	MISENER-HUNTON	5740	10	2ND WILCOX	6125

Spacing Orders: 168292  
261583

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800559

Special Orders:

Total Depth: 6300

Ground Elevation: 1097

**Surface Casing: 575**

Depth to base of Treatable Water-Bearing FM: 520

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: 3000

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: GARBER

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	<p>1/17/2018 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.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>
LEASE OUTLINE	1/22/2018 - G57 - FORMATIONS UNSPACED;160-ACRES NW4 22-15N-2W, SKNR, MRS L PER OPERATOR
PENDING CD - 201800559	<p>2/1/2018 - G57 - (I.O.) NW4 22-15N-2W  X168292 (160) LYTN, CLVD, OSWG, MSRH,  X168292 (80 E2 NW4) VIOL, SMPSD, WLCX1**, WLCX2  NCT 165' FNL, NCT 1485' FWL  NO OP. NAMED  REC 2-13-2018 (JACKSON)</p> <p>**S/B X261583 WLCX1; WILL BE CORRECTED AT HEARING FOR THE FINAL PER ATTORNEY FOR OPERATOR</p>
SPACING - 168292	<p>1/19/2018 - G57 - (320/160/80) 22-15N-2W SU NE/SW  VAC (320) OTHERS  EXT OTHER  EXT (160) 155058 LYTN, CLVD  EST (160) OSWG, MSRH  EST (80) VIOL, SMPSD, WLCX2  EST OTHERS</p>
SPACING - 261583	<p>1/19/2018 - G57 - (80) NW 22-15N-2W SU NE/SW  EXT 200343 WLCX1</p>