

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

API NUMBER: 049 25190

Approval Date: 04/04/2018

Expiration Date: 04/04/2019

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 4N Rge: 3W

County: GARVIN

SPOT LOCATION: ☐ SE ☐ NW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 910 645

Lease Name: J B ROBERTS

Well No: 1-17

Well will be 645 feet from nearest unit or lease boundary.

Operator Name: RED ROCKS OIL & GAS OPERATING LLC

Telephone: 4056003065

OTC/OCC Number: 22649 0

RED ROCKS OIL & GAS OPERATING LLC  
1141 N ROBINSON AVE STE 301  
OKLAHOMA CITY, OK 73103-4919

ROBERT CLEARY  
13588 HIGHWAY 76  
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	HUNTON	8715	6	
2	VIOLA	9435	7	
3	SIMPSON	10030	8	
4	MCLISH	10685	9	
5			10	

Spacing Orders: 21167  
21168  
53110  
674233

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10925

Ground Elevation: 963

**Surface Casing: 650**

Depth to base of Treatable Water-Bearing FM: 280

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: CLOSED Closed System Means Steel Pits

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? Y

Wellhead Protection Area? Y

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33714  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**DIRECTIONAL HOLE 1**

Sec 17 Twp 4N Rge 3W County GARVIN

Spot Location of End Point: S2 NW SW SW

Feet From: SOUTH 1/4 Section Line: 910

Feet From: WEST 1/4 Section Line: 330

Measured Total Depth: 10950

True Vertical Depth: 10925

End Point Location from Lease,

Unit, or Property Line: 330

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.

Notes:

Category

Description

HYDRAULIC FRACTURING

3/7/2018 - 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](http://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](http://FRACFOCUS.ORG)

PUBLIC WATER SUPPLY WELL

3/7/2018 - G71 - GARVIN RWD 2 - 1 PWS/WPA, NW/4 20-4N-3W

SPACING - 21167

3/22/2018 - G56 - (40) 17-4N-3W  
EXT 20066 HNTN (VAC N2 SW4 BY 333112)(COEXIST WITH SP. ORDER 661565 HNTN ALL)

SPACING - 21168

3/22/2018 - G56 - (40) 17-4N-3W  
EXT 19573/20230 SPSDS (LESS OLCK BY 26757 AND LESS MCLS N2 SE4 BY 52802 AND SW4 BY 53110)

SPACING - 53110

3/22/2018 - G56 - (80) SW4, N2 SE4 17-4N-3W LD SLOT (1963) NE/SW (1971)  
AMD 19573/VAR/51865 TO REMOVE MCLS FROM SPSDS SW4  
EXT 52802 MCLS

SPACING - 674233

3/22/2018 - G56 - (80) S2 SW4 17-4N-3W LD NE/SW  
EST VIOL

SURFACE CASING

3/7/2018 - G71 - MIN. 400' PER ORDER 64240

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049 25190 J B ROBERTS 1-17

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