

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

API NUMBER: 049 25192 A

Approval Date: 04/17/2018

Expiration Date: 10/17/2018

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 2N Rge: 2W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 300 850

Lease Name: BULLARD

Well No: 1-18-07UWH

Well will be 300 feet from nearest unit or lease boundary.

Operator Name: RIMROCK RESOURCE OPERATING LLC

Telephone: 9183014700

OTC/OCC Number: 23802 0

RIMROCK RESOURCE OPERATING LLC
20 E 5TH ST STE 1300
TULSA, OK 74103-4462

NOLAN F. BULLARD
24438 NORTH COUNTY ROAD, 3120
ELMORE CITY OK 73433

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

Name	Depth	Name	Depth
1 WOODFORD	8050	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 658643
666477
671880

Location Exception Orders: 668716

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15800

Ground Elevation: 986

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 650

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? 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 BED AQUIFER

Pit Location Formation: WELLINGTON

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34315

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 BED AQUIFER

Pit Location Formation: WELLINGTON

HORIZONTAL HOLE 1

Sec 07 Twp 2N Rge 2W County GARVIN

Spot Location of End Point: S2 S2 S2 NE

Feet From: NORTH 1/4 Section Line: 2330

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 7013

Radius of Turn: 477

Direction: 355

Total Length: 7500

Measured Total Depth: 15800

True Vertical Depth: 8050

End Point Location from Lease,
Unit, or Property Line: 1320

Notes:

Category

Description

DEEP SURFACE CASING

4/13/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/13/2018 - 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

LOCATION EXCEPTION - 668716

4/17/2018 - G58 - (I.O.) 7 & 18-2N-2W
X658643 WDFD (7-2N-2W)
X666477 WDFD (18-2N-2W)
COMPL. INT. (7-2N-2W) NCT 0' FNL, NCT 165' FSL, NCT 1300' FEL
COMPL. INT. (18-2N-2W) NCT 0' FSL, NCT 2300' FNL, NCT 1300' FEL
RIMROCK RESOURCE OPERATING, LLC
10/2/2017

MEMO

4/13/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

049 25192 BULLARD 1-18-07UWH

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
SPACING - 658643	4/17/2018 - G58 - (640)(HOR) 7-2N-2W EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 267272, OTHERS; SP. ORDER 286178, OTHERS; SP. ORDER 202231, OTHERS)
SPACING - 666477	4/17/2018 - G58 - (640)(HOR) 18-2N-2W EXT 658643 WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 267272, OTHERS; SP. ORDER 202231, OTHERS)
SPACING - 671880	4/17/2018 - G58 - (I.O.) 7 & 18-2N-2W EST MULTIUNIT HORIZONTAL WELL X658643 WDFD (7-2N-2W) X666477 WDFD (18-2N-2W) 36.6% 7-2N-2W 63.4% 18-2N-2W RIMROCK RESOURCE OPERATING, LLC 1/5/2018

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