

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

API NUMBER: 051 24424

Approval Date: 07/24/2018

Expiration Date: 01/24/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 5N Rge: 5W

County: GRADY

SPOT LOCATION:

SE

NE

SE

NE

FEET FROM QUARTER: FROM

NORTH

FROM

EAST

SECTION LINES:

1749

309

Lease Name: BOGEY

Well No: 1-12X 1H

Well will be 309 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

JDB LEASING INC.
1720 SOUTH BROADWAY
MOORE OK 73160

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

	Name	Depth	Name	Depth
1	WOODFORD	11628	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 671277

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800933
201805245
201805246
201805247

Special Orders:

Total Depth: 19455

Ground Elevation: 1144

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 200

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: DUNCAN

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-34876

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: DUNCAN

HORIZONTAL HOLE 1

Sec 01 Twp 5N Rge 5W County GRADY

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 11177

Radius of Turn: 573

Direction: 359

Total Length: 7378

Measured Total Depth: 19455

True Vertical Depth: 11628

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

7/16/2018 - 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

7/16/2018 - 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

MEMO

7/16/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201800933

7/23/2018 - G57 - (E.O.)(640)(HOR) 1-5N-5W
VAC 384820 WDFD NE4
EXT 671277 WDFD
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST W/ SP. ORDER 384299 WDFD W2 SW4)
REC 7-13-2018 (M. PORTER)

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

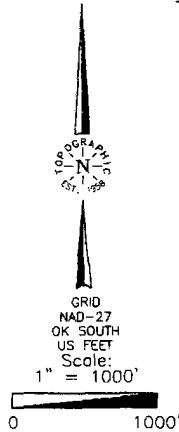
051 24424 BOGEY 1-12X 1H

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
PENDING CD - 201805245	7/23/2018 - G57 - (E.O.) 12 & 1-5N-5W EST MULTIUNIT HORIZONTAL WELL X671277 WDFD 12-5N-5W X201800933 WDFD 1-5N-5W 30% 12-5N-5W 70% 1-5N-5W RED ROCKS OIL & GAS OPERATING, LLC. REC 7-13-2018 (M. PORTER)
PENDING CD - 201805246	7/23/2018 - G57 - (E.O.) 12 & 1-5N-5W X671277 WDFD 12-5N-5W X201800933 WDFD 1-5N-5W SHL (12-5N-5W) NCT 1749' FNL, NCT 309' FEL COMPL. INT. (12-5N-5W) NCT 2250' FNL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (1-5N-5W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC 7-13-2018 (M. PORTER)
PENDING CD - 201805247	7/23/2018 - G57 - (E.O.) 12-5N-5W X671277 WDFD 1 WELL RED ROCKS OIL & GAS OPERATING, LLC. REC 7-13-2018 (M. PORTER)
SPACING - 671277	7/23/2018 - G57 - (640)(HOR) 12-5N-5W EXT 646850 WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

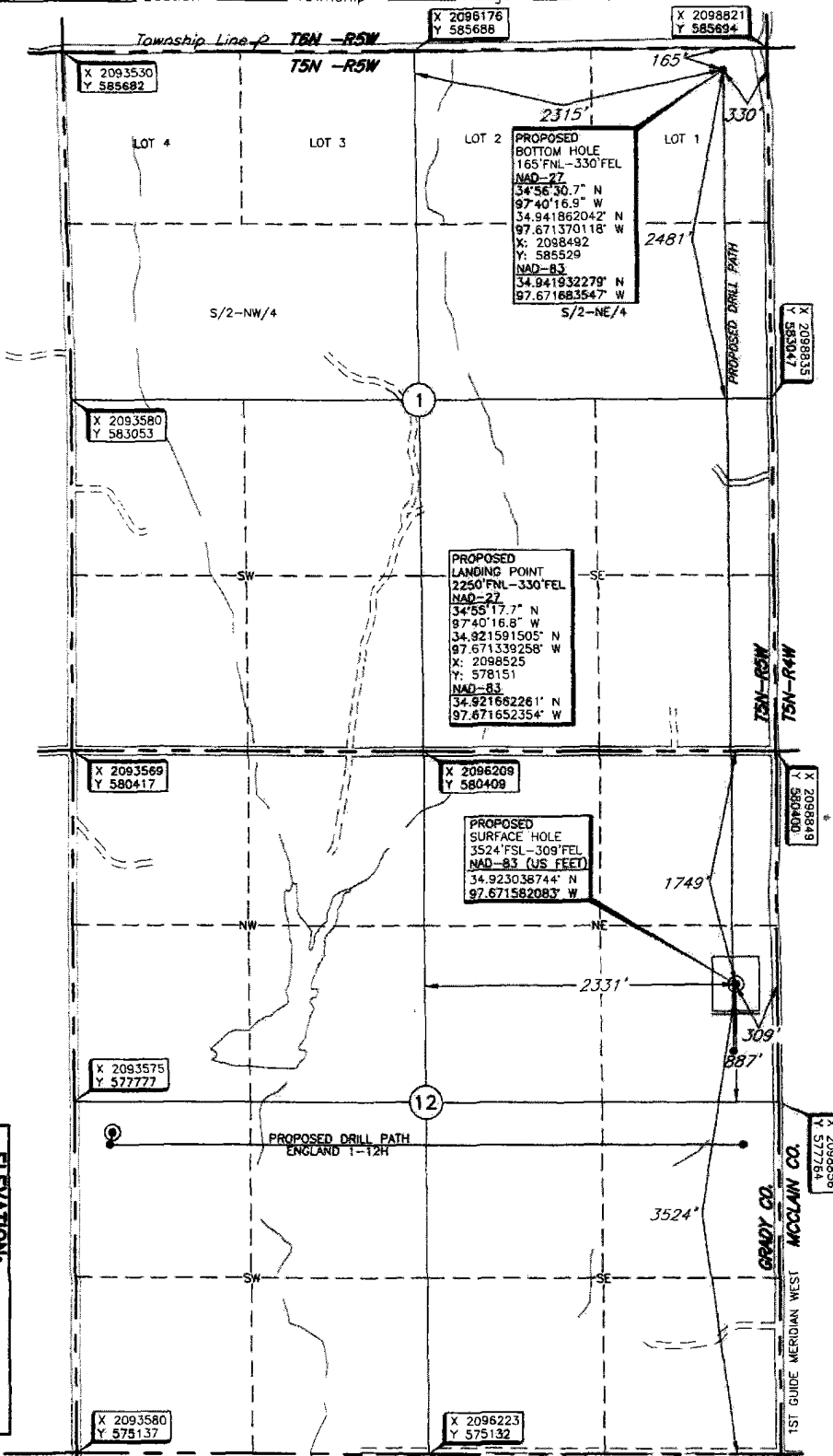
GRADY County, Oklahoma
3524' FSL - 309' FEL Section 12 Township 5N Range 5W I.M.



[BOTTOM HOLE AND DRILL PATH INFORMATION
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.]

Operator: RED ROCK OIL & GAS OPERATING, LLC
Lease Name: BOGEY
Topography & Vegetation Location: in pasture with scattered trees.
Reference Stakes or Alternate Location: Stakes Set None
Good Drill Site? Yes
Best Accessibility to Location: From county road east of well location.
Distance & Direction from Hwy Jet or Town: From Brodley, OK., go east 12.0 miles on E-W county road, then go north 2.5 miles on N-S county road to the East Quarter Corner of Section 12, T5N-R5W.

ELEVATION:
1144' Gr. at Stake (NAVD 88)
1144' Gr. at Stake (NGVD 29)



THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
LAT: 34°55'22.7" N
LONG: 97°40'16.6" W
LAT: 34.922968022' N
LONG: 97.671268967' W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK SOUTH
X: 2098545
Y: 578652

Revision ☒ B Date of Drawing: July 02, 2018
Invoice # 296463 Date Staked: June 26, 2018 JGW

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell
Oklahoma Lic. No. 1433

