

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

API NUMBER: 049 25231

Approval Date: 10/19/2018

Expiration Date: 04/19/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 3N Rge: 3W County: GARVIN
SPOT LOCATION: ☐ SW ☐ NE ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 870 1797

Lease Name: VIPER Well No: 1-9X4H Well will be 870 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

CAROLYN LEWIS
929 WEST CHICKASAW STREET
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	9218	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 672400
676872

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807795
201807794
201807793
201807792

Special Orders:

Total Depth: 19505 Ground Elevation: 1004 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 270

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: PURCELL

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35368
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: 275000

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: PURCELL

HORIZONTAL HOLE 1

Sec 04 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1300

Depth of Deviation: 8503

Radius of Turn: 477

Direction: 5

Total Length: 10253

Measured Total Depth: 19505

True Vertical Depth: 9303

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

Notes:

Category

Description

DEEP SURFACE CASING

10/18/2018 - GA8 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

10/18/2018 - GA8 - 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

10/18/2018 - GA8 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201807792

10/19/2018 - G75 - 4-3N-3W
X676872 WDFD
1 WELL
NO OP. NAMED
REC 10-15-2018 (P. PORTER BY INITIALS)

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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.

049 25231 VIPER 1-9X4H

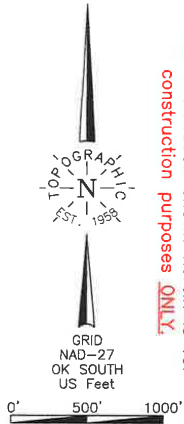
Category	Description
PENDING CD - 201807793	10/19/2018 - G75 - 9-3N-3W X672400 WDFD 1 WELL NO OP. NAMED REC 10-15-2018 (P. PORTER BY INITIALS)
PENDING CD - 201807794	10/19/2018 - G75 - (I.O.) 9 & 4-3N-3W X672400 WDFD 9-3N-3W X676872 WDFD 4-3N-3W SHL (9-3N-3W) 870' FSL, 1797' FEL COMPL. INT. (9-3N-3W) NCT 165' FSL, NCT 0' FNL, NCT 1200' FEL COMPL. INT. (4-3N-3W) NCT 0' FSL, NCT 165' FNL, NCT 1200' FEL RED ROCKS OIL & GAS OP., LLC REC 10-15-2018 (P. PORTER BY INITIALS)
PENDING CD - 201807795	10/19/2018 - G75 - (I.O.) 9 & 4-3N-3W EST MULTIUNIT HORIZONTAL WELL X672400 WDFD 9-3N-3W X676872 WDFD 4-3N-3W 50% 9-3N-3W 50% 4-3N-3W RED ROCKS OIL & GAS OP., LLC REC 10-15-2018 (P. PORTER BY INITIALS)
SPACING - 672400	10/18/2018 - G75 - (640)(HOR) 9-3N-3W EXT 655157 WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 676872	10/18/2018 - G75 - (640)(HOR) 4-3N-3W EST WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

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

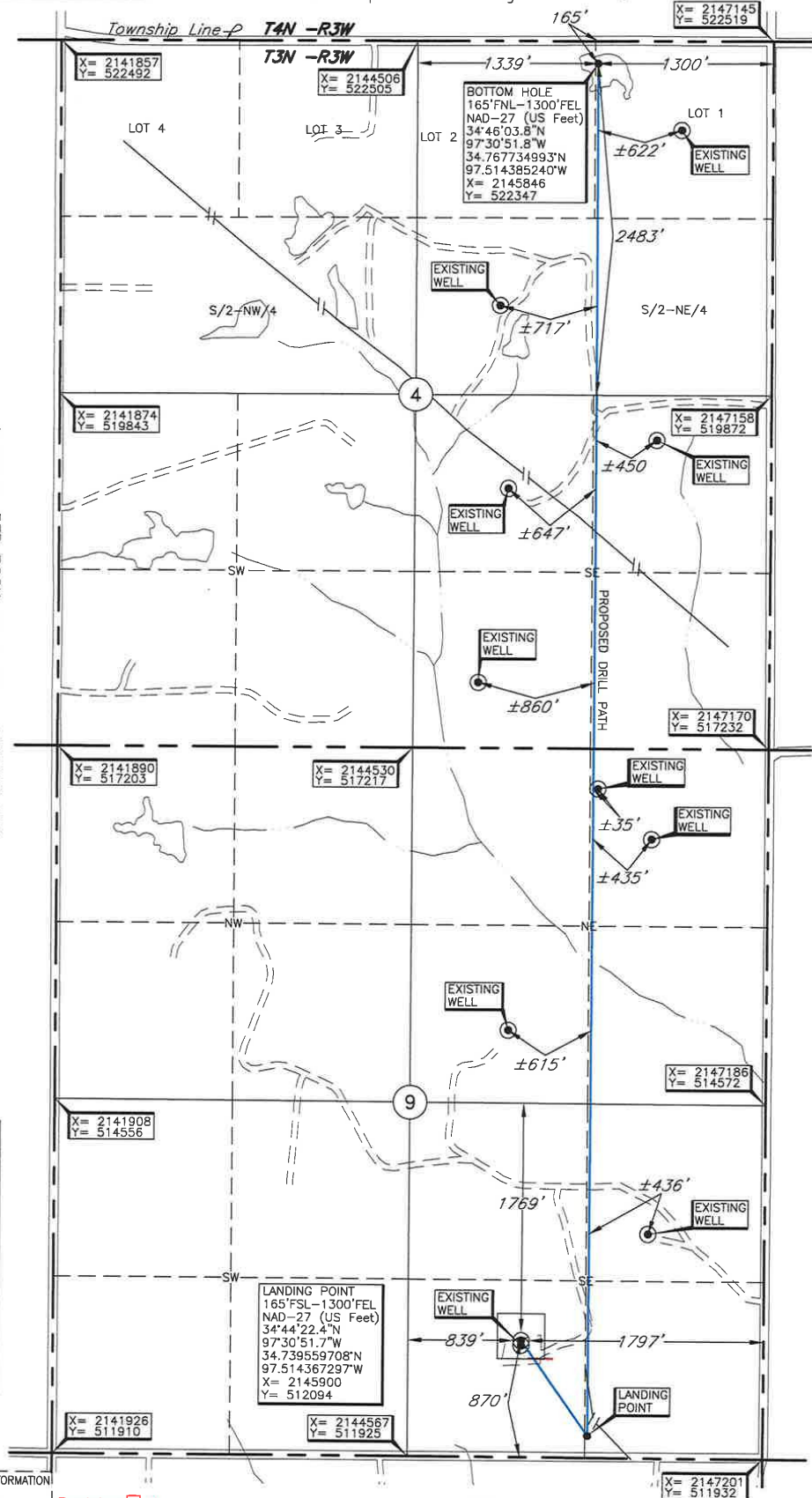
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

870'FSL-1797'FEL Section 9 Township 3N Range 3W I.M.



NOTE:
The information shown herein is for construction purposes ONLY.



Operator: RED ROCK OIL & GAS OPERATING, LLC
Lease Name: VIPER
Topography & Vegetation Loc. fell on edge of old pad, heavy wooded area to West of pad
Good Drill Site? Yes
Reference Stakes or Alternate Location Stakes Set None
Best Accessibility to Location From South off county road.
Distance & Direction From the junction of St. Hwy. 19 and St. Hwy. 76 in Lindsay, OK
From Hwy Jct or Town
go East ±5 miles on St. Hwy. 19, then South ±5.75 miles to the SE Cor. of Sec. 9-T3N-R3W

Well No.: 1-9X-4H
ELEVATION: 1004' Gr. at Stake

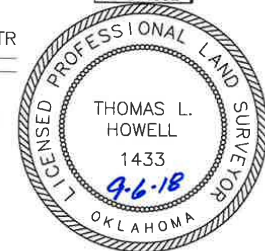
LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A Date of Drawing: Sept. 5, 2018
Invoice # 299973 Date Staked: Aug. 30, 2018

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



DATUM: NAD-27
LAT: 34°44'29.4"N
LONG: 97°30'57.7"W
LAT: 34.741499596°N
LONG: 97.516023249°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2145400
Y: 512797