

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

API NUMBER: 049 25201

Approval Date: 05/18/2018

Expiration Date: 11/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 3N Rge: 3W County: GARVIN

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 780 215

Lease Name: ROCKIN T RANCH Well No: 1-4H Well will be 215 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

ROCKIN T. RANCH
16264 NORTH COUNTY ROAD 3070
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	9285	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 676872

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14580

Ground Elevation: 1071

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

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

PERMIT NO: 18-34433

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 04 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 8722

Radius of Turn: 573

Direction: 25

Total Length: 4958

Measured Total Depth: 14580

True Vertical Depth: 9370

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

Notes:

Category

Description

COMPLETION INTERVAL

5/18/2018 - G57 - THE COMPLETION INTERVAL (FIRST PERFORATION TO LAST PERFORATION OR POINT OF ENTRY TO TERMINUS) FOR THE WOODFORD WILL BE GREATER THAN 165' FNL & FSL; GREATER THAN 330' FEL & FWL OF 4-3N-3W PER SPACING ORDER #676872 PER OPERATOR

DEEP SURFACE CASING

5/9/2018 - 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

5/9/2018 - 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: OCCWEB.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

5/9/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 676872

5/18/2018 - G57 - (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.

049 25201 ROCKIN T RANCH 1-4H

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API: 049 25201

GARVIN

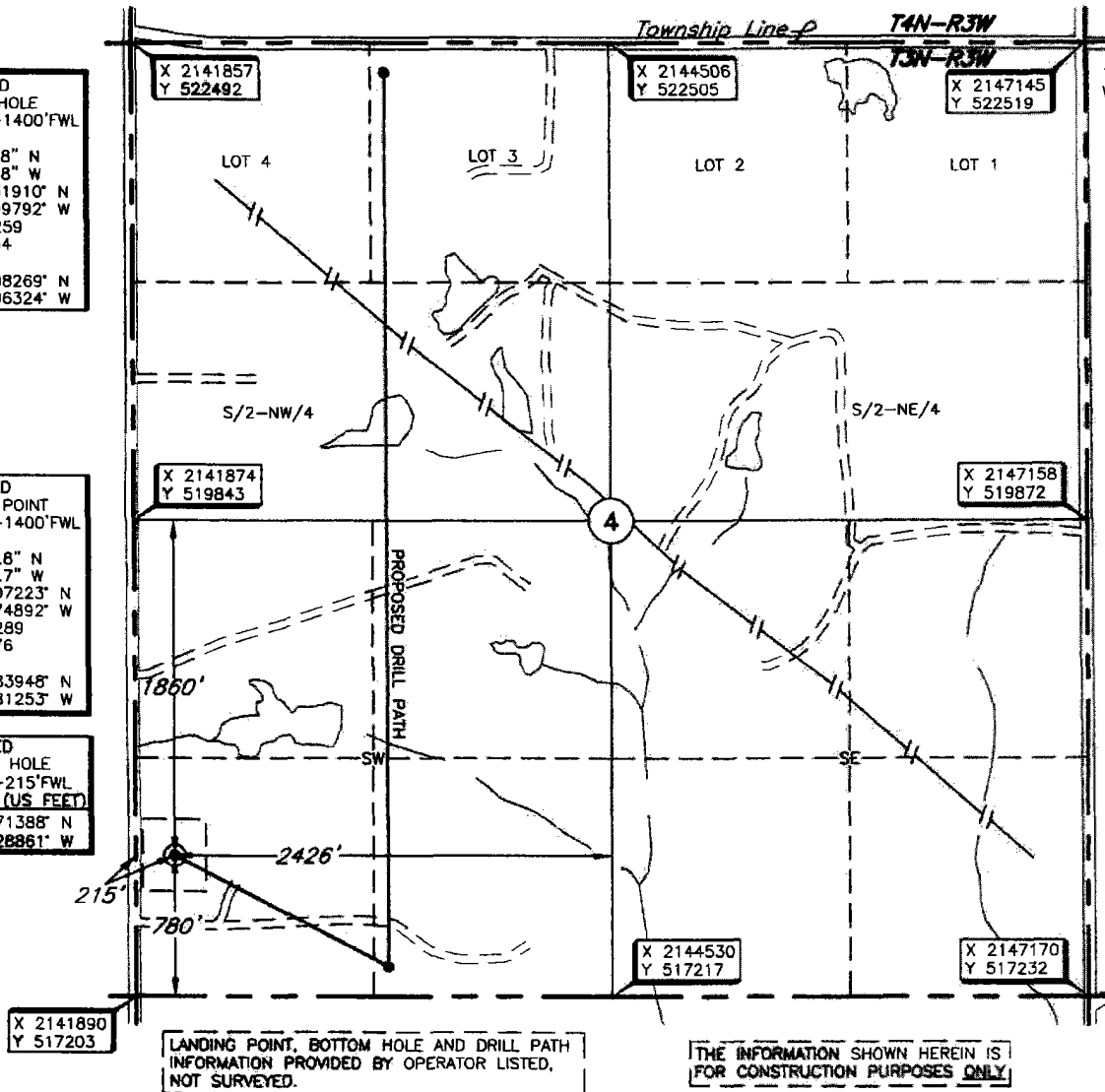
County, Oklahoma

780'FSL-215'FWL Section 4 Township 3N Range 3W I.M.

PROPOSED
BOTTOM HOLE
165'FSL-1400'FWL
NAD-27
34°46'03.8" N
97°31'22.8" W
34.767731910" N
97.522999792" W
X: 2143259
Y: 522334
NAD-83
34.767808269" N
97.523306324" W

PROPOSED
LANDING POINT
165'FSL-1400'FWL
NAD-27
34°45'14.8" N
97°31'22.7" W
34.754107223" N
97.522974892" W
X: 2143289
Y: 517376
NAD-83
34.754183948" N
97.523281253" W

PROPOSED
SURFACE HOLE
780'FSL-215'FWL
NAD-83 (US FEET)
34.755871388" N
97.527228861" W



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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

Operator: RED ROCK OIL & GAS OPERATING, LLC

Lease Name: ROCKIN T RANCH

Well No.: 1-4H

ELEVATION:

1071' Gr. at Stake (NAVD 88)

1071' Gr. at Stake (NGVD 29)

Topography & Vegetation Loc. fell in level pasture

Good Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From West off county road

Distance & Direction
From Hwy Jct or Town From Wallville, OK, go ±1.0 mi. West, then ±1.0 mi. South to
the SW Cor. of Sec. 4-T3N-R3W

DATUM: NAD-27
LAT: 34°45'20.9"N
LONG: 97°31'36.9"W
LAT: 34.755794753" N
LONG: 97.526922373" W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2142101
Y: 517984

Date of Drawing: May 1, 2018
Invoice # 293488 Date Staked: Oct. 13, 2017 NB

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

