

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

API NUMBER: 087 22214

Approval Date: 01/24/2019

Expiration Date: 07/24/2020

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 5N Rge: 4W County: MCCLAIN
SPOT LOCATION:
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1650 1830

Lease Name: FLYBY Well No: 1-32 Well will be 510 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

A.T. DACUS
1107 110TH STREET
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SIMPSON (ABOVE OIL CREEK)	11075	6	
2 OIL CREEK	11825	7	
3		8	
4		9	
5		10	

Spacing Orders: 30486
434272

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12075 Ground Elevation: 1100 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 220

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35954

Chlorides Max: 5000 Average: 3000

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

DIRECTIONAL HOLE 1

Sec 32 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: W2 NE SW NE

Feet From: NORTH 1/4 Section Line: 1650

Feet From: EAST 1/4 Section Line: 1680

Measured Total Depth: 12075

True Vertical Depth: 12025

End Point Location from Lease,

Unit, or Property Line: 360

Notes:

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.

Category	Description
DEEP SURFACE CASING	1/2/2019 - G71 - 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	1/2/2019 - 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
SPACING - 30486	1/23/2019 - G75 - (80) 32-5N-4W SU NE/SW EST SPAOC
SPACING - 434272	1/23/2019 - G75 - (80) N2 32-5N-4W SU NE/SW VAC 41443 OLCK EXT 209148 OLCK
WATERSHED STRUCTURE	1/23/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

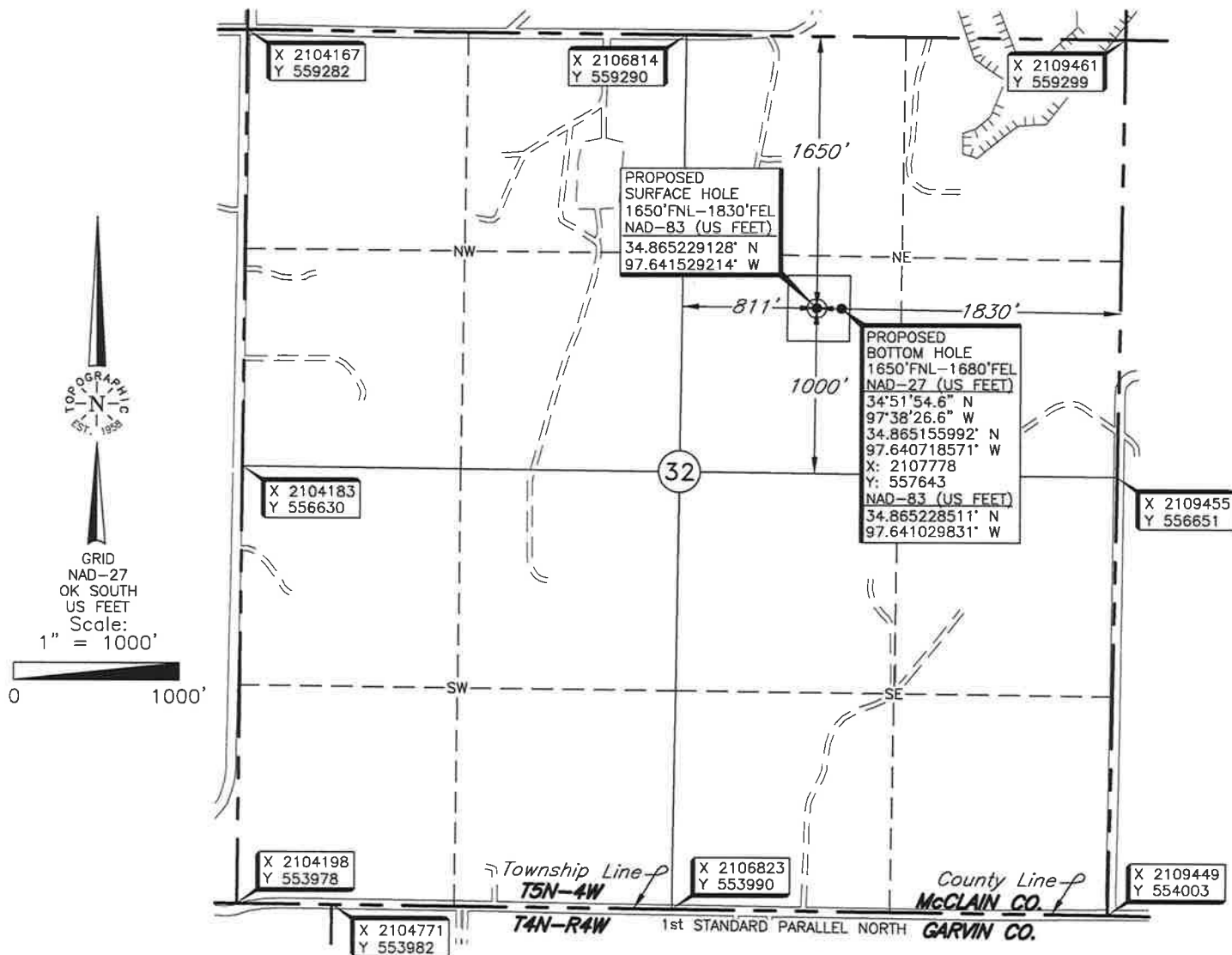
Certificate of Authorization No. 1293 LS

API 087-22214

McCLAIN

County, Oklahoma

1650'FNL-1830'FEL Section 32 Township 5N Range 4W I.M.



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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

ELEVATION:

1100' Gr. at Stake (NAVD 88)
1100' Gr. at Stake (NGVD 29)

Operator: RED ROCK OIL & GAS OPERATING, LLC

Lease Name: FLYBY

Well No.: 1-32

Topography & Vegetation Location fell in Bermuda grass field

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off lease road

Distance & Direction

from Hwy Jct or Town At the junction of McClain-Garvin County Line & St. Hwy 76, go ±2.1 miles West on County Line Road, then ±1 mile North, ±0.5 mile East to the North Quarter Corner of Section 32, T5N-R4W.

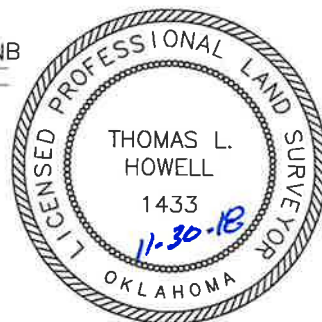
Date of Drawing: Nov. 29, 2018

Invoice # 306991 Date Staked: Nov. 21, 2018 SS/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



DATUM: NAD-27
LAT: 34°51'54.6" N
LONG: 97°38'28.4" W
LAT: 34.865156614° N
LONG: 97.641217939° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2107628
Y: 557643

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy