

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

API NUMBER: 087 22072

Approval Date: 04/12/2017
Expiration Date: 10/12/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 5N Rge: 4W County: MCCLAIN
SPOT LOCATION: NW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 630 1615

Lease Name: ROSE B HARRISON Well No: 1-25H Well will be 630 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

HARRISON INVESTMENT CO 1 & 2
PO BOX 336
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	9100	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 657936

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 15161

Ground Elevation: 962

Surface Casing: 1000

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

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32392

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 25 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2488

Depth of Deviation: 9037

Radius of Turn: 493

Direction: 22

Total Length: 5350

Measured Total Depth: 15161

True Vertical Depth: 9121

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

Notes:

Category

Description

COMPLETION INTERVAL

4/12/2017 - G60 - WILL BE AT LEGAL LOCATION NCT 165' FNL/FSL, NCT 330' FEL/FWL PER OPERATOR

DEEP SURFACE CASING

4/7/2017 - 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

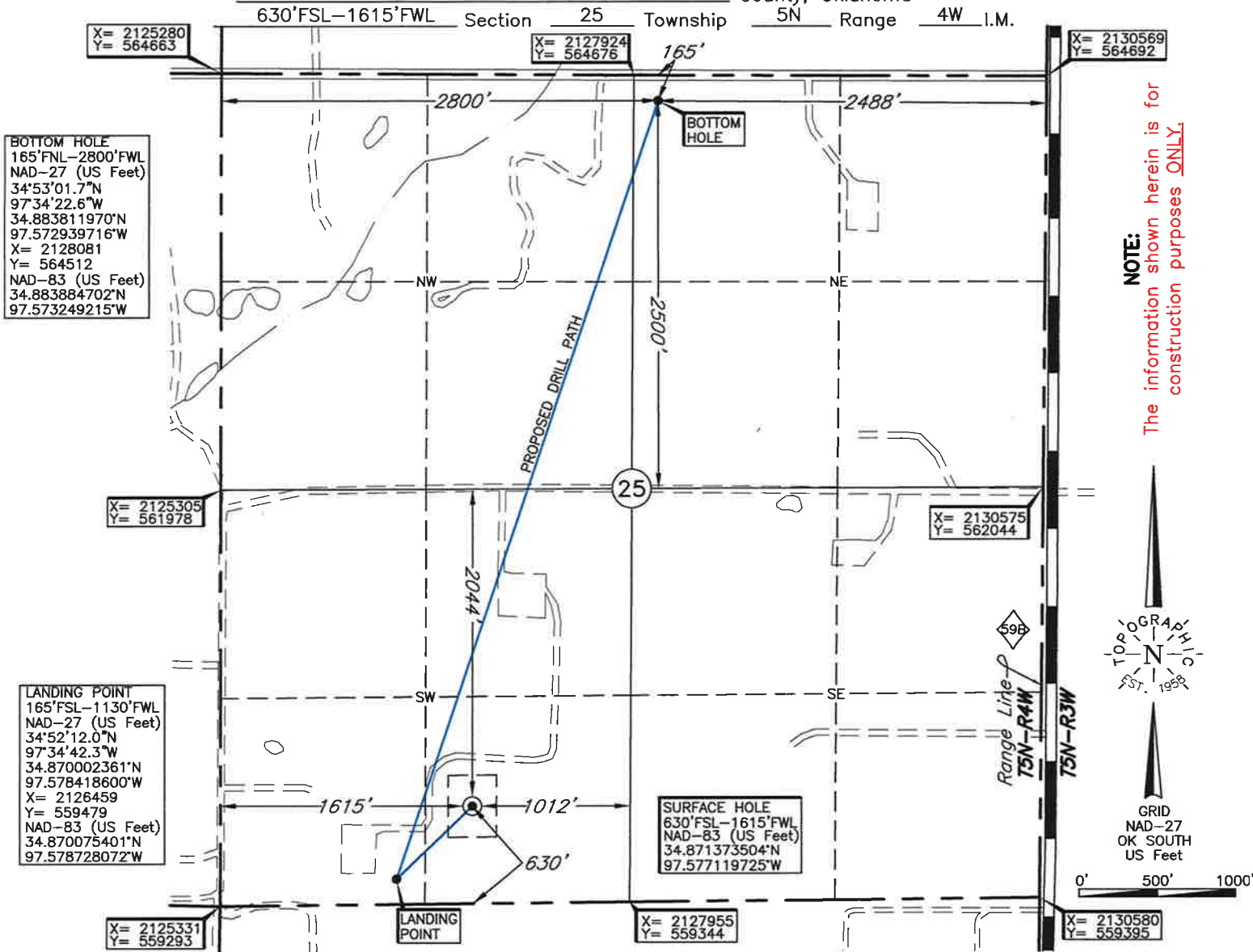
4/7/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

SPACING - 657936

4/12/2017 - G60 - (640)(HOR) 25-5N-4W
VAC OTHERS
VAC 393815 WDFD SE4
VAC 506306 WDFD S2 NE4
VAC 548536 WDFD N2 NE4
EXT WDFD, OTHER
EST OTHER
POE TO BHL NCT 165' FNL/FSL, NCT 330' FEL/FWL

SURFACE CASING

4/7/2017 - G71 - MIN. 400' PER ORDER 20066



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

BOTTOM HOLE
 165' FNL-2800' FWL
 NAD-27 (US Feet)
 34°53'01.7"N
 97°34'22.6"W
 34.883811970°N
 97.572939716°W
 X= 2128081
 Y= 564512
 NAD-83 (US Feet)
 34.883884702°N
 97.573249215°W

LANDING POINT
 165' FSL-1130' FWL
 NAD-27 (US Feet)
 34°52'12.0"N
 97°34'42.3"W
 34.870002361°N
 97.578418600°W
 X= 2126459
 Y= 559479
 NAD-83 (US Feet)
 34.870075401°N
 97.578728072°W

SURFACE HOLE
 630' FSL-1615' FWL
 NAD-83 (US Feet)
 34.871373504°N
 97.577119725°W

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

ELEVATION:
 962' Gr. at Stake NGVD29
 962' Gr. at Stake NAVD88

Operator: RED ROCK OIL & GAS OPERATING, LLC

Lease Name: ROSE B HARRISON

Well No.: 1-25H

Topography & Vegetation Loc. fell in pasture.

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

Best Accessibility to Location From East off St. Hwy. 59B

Distance & Direction from Hwy Jct or Town From the Junction of St. Hwy. 19 and St. Hwy. 59B, go North ±3.4 miles on St. Hwy. 59B to the SE Cor. of Sec. 25-T5N-R4W.

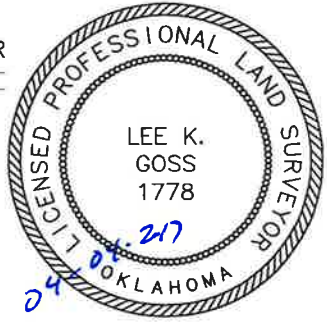
DATUM: NAD-27
 LAT: 34°52'16.7"N
 LONG: 97°34'36.5"W
 LAT: 34.871300482°N
 LONG: 97.576810283°W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2126940
 Y: 559954

Date of Drawing: Apr. 4, 2017
 Invoice # 269988 Date Staked: Apr. 1, 2017 TR

CERTIFICATE:

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

[Signature]
 Oklahoma Lic. No. 1778



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