

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

API NUMBER: 087 21997

Approval Date: 06/05/2014
Expiration Date: 12/05/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 5N Rge: 4W County: MCCLAIN
SPOT LOCATION: SW NE NW NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2140 750

Lease Name: HARRISON FARMS Well No: 1-36 Well will be 500 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	DEESE	7955	6	
2	SYCAMORE	9190	7	
3	WOODFORD	9290	8	
4	HUNTON	9495	9	
5	VIOLA	10085	10	

Spacing Orders: 486479
483766
20066
22585
22619
23584
624334

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11600

Ground Elevation: 963

Surface Casing: 1000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26679
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.

Notes:

Category	Description
DEEP SURFACE CASING	4/22/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
FRAC FOCUS	4/22/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING - 20066/486479	6/5/2014 - G72 - (40) 36-5N-4W EST HNTN NPT 486479 (TYPO)
SPACING - 22585/22619	6/5/2014 - G72 - (40) S2 & S2 N2 36-5N-4W (EXCEPT N2 N2) EXT 20733/21629/21733/21781/22139/22221/22404 DEESS; NPT 22619 CORRECTS TO S2 & S2 N2;
SPACING - 23584	6/5/2014 - G72 - (40) N2 N2 36-5N-4W EXT 20733 DEESS;
SPACING - 483766	6/5/2014 - G72 - (40) NW NW 36-05N-04W EXT 480722 SCMR, VIOL
SPACING - 624334	6/5/2014 - G72 - (40) NW NW 36-05N-04W EST WDFD
SURFACE CASING	4/22/2014 - G71 - MIN. 400' PER ORDER 20066