

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

API NUMBER: 103 24635

Approval Date: 02/06/2014
Expiration Date: 08/06/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 22N Rge: 2E

County: NOBLE

SPOT LOCATION: SW SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 690

Lease Name: REIMAN

Well No: 33-1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: HIGHMOUNT OPERATING LLC

Telephone: 4057495263; 4057495

OTC/OCC Number: 22912 0

HIGHMOUNT OPERATING LLC
14000 QUAIL SPRINGS PKWY FL 600
OKLAHOMA CITY, OK 73134-2616

DOUGLAS W. WILL & TINA L. WILL
22601 KNOB HILL
MORRISON OK 73061

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

Name	Depth	Name	Depth
1 WOODFORD	4475	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400003
201400074

Special Orders:

Total Depth: 9449

Ground Elevation: 966

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 230

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

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 33 Twp 22N Rge 2E County NOBLE

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 690

Depth of Deviation: 3704

Radius of Turn: 1280

Direction: 180

Total Length: 4465

Measured Total Depth: 9449

True Vertical Depth: 4475

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

Category	Description
PENDING CD - 201400003	2/6/2014 - G30 - (40/640) 33-22N-2E (40) EST OTHERS (640 HOR) EXT 604601 WDFD, OTHERS (640 HOR) EST OTHERS REC 1/27/14 (STUCK)
PENDING CD - 201400074	2/6/2014 - G30 - 33-22N-2E X201400003 WDFD, OTHERS COMP. INT. NCT 150 FSL, NCT 150 FNL, NCT 330 FWL NO OP. NAMED REC 2/4/14 (STUCK)

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