

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

API NUMBER: 103 24624

Approval Date: 01/15/2014
Expiration Date: 07/15/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 21N Rge: 2E

County: NOBLE

SPOT LOCATION: SE SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 150 370

Lease Name: JAMES

Well No: 29-1H

Well will be 150 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

ROBERT K. WEINKAUF & MARY MARGARET WEINKAUF
23400 CR 160
PERRY OK 73077

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

Name	Depth	Name	Depth
1 WOODFORD	4662	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307778
201308159

Special Orders:

Total Depth: 9612

Ground Elevation: 1022

Surface Casing: 200

Depth to base of Treatable Water-Bearing FM: 50

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 29 Twp 21N Rge 2E County NOBLE

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 3893

Radius of Turn: 1270

Direction: 180

Total Length: 4449

Measured Total Depth: 9612

True Vertical Depth: 4708

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

Notes:

Category	Description
PENDING CD - 201307778	1/15/2014 - G30 - (40/640) 29-21N-2E (40) EXT OTHERS (40) EST OTHERS (640 HOR) EST OTHERS (640 HOR) EXT 613919 WDFD, OTHER REC 12/10/13 (CANDLER)
PENDING CD - 201308159	1/15/2014 - G30 - 29-21N-2E X201307778 WDFD, OTHERS COMP. INT. NCT 150 FSL, NCT 150 FNL, NCT 330 FWL NO OP. NAMED REC 1/7/14 (P.PORTER)

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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.