

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

API NUMBER: 117 23520

Approval Date: 03/06/2013
Expiration Date: 09/06/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 22N Rge: 3E

County: PAWNEE

SPOT LOCATION: NW NE NW NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2319 680

Lease Name: COLCLAZIER

Well No: 29-3H

Well will be 321 feet from nearest unit or lease boundary.

Operator Name: HIGHMOUNT OPERATING LLC

Telephone: 4057495263

OTC/OCC Number: 22912 0

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

EVA GILBERT
46050 SOUTH 336 RD.
MORRISON OK 73061

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4115	6
2			7
3			8
4			9
5			10

Spacing Orders: 580298

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201300905
201300904

Special Orders:

Total Depth: 9350

Ground Elevation: 997

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 270

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: OSCAR

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 22N Rge 3E County PAWNEE

Spot Location of End Point: NW NE NW NW

Feet From: SOUTH 1/4 Section Line: 2444

Feet From: WEST 1/4 Section Line: 680

Depth of Deviation: 3361

Radius of Turn: 1288

Direction: 360

Total Length: 4701

Measured Total Depth: 9350

True Vertical Depth: 4146

End Point Location from Lease,
Unit, or Property Line: 196

Notes:

Category	Description
PENDING CD - 201300904	2/28/2013 - G30 - 29-22N-3E X580298 MSSP 1 WELL NO OP. NAMED REC 3/5/13 (OSBURN)
PENDING CD - 201300905	2/28/2013 - G30 - 29-22N-3E X580298 MSSP SHL 330 FNL, 680 FWL 32-22N-3E 1ST PERF NCT 330 FSL, NCT 580 FWL 29-22N-3E LAST PERF NCT 150 FNL, NCT 580 FWL 29-22N-3E NO OP. NAMED REC 3/5/13 (OSBURN)
SPACING - 580298	2/28/2013 - G30 - (640) 29-22N-3E DEL 229999 MSSLM EST MSSP

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.