

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

API NUMBER: 047 24658 A

Approval Date: 12/19/2012  
Expiration Date: 06/19/2013

Horizontal Hole Oil & Gas

Amend reason: LOCATION CHANGES

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 24N Rge: 4W

County: GARFIELD

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 226 2310

Lease Name: LINDA

Well No: 1-4H

Well will be 226 feet from nearest unit or lease boundary.

Operator Name: PLYMOUTH EXPLORATION LLC

Telephone: 9185991850; 9185991

OTC/OCC Number: 22491 0

PLYMOUTH EXPLORATION LLC  
110 W 7TH ST STE 2600  
TULSA, OK 74119-1031

MAX & LINDA PECK  
14116 E. BLAINE  
HUNTER OK 74640

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

Name	Depth	Name	Depth
1 MISSISSIPPI	5550	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 581601

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201206899

Special Orders:

Total Depth: 10500

Ground Elevation: 1105

**Surface Casing: 310**

Depth to base of Treatable Water-Bearing FM: 240

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: 50000 Average: 5000

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 BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 12-21833

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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 04 Twp 24N Rge 4W County GARFIELD

Spot Location of End Point: E2 NE NW NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1605

Depth of Deviation: 5084

Radius of Turn: 716

Direction: 360

Total Length: 4300

Measured Total Depth: 10500

True Vertical Depth: 5800

End Point Location from Lease,  
Unit, or Property Line: 330

Notes:

Category

Description

PENDING CD - 201206899

12/19/2012 - G30 - 4-24N-4W  
X581601 MISS  
SHL NCT 165 FSL, NCT 1650 FEL\*\*  
1ST PERF NCT 330 FSL, NCT 660 FEL  
LAST PERF NCT 330 FNL, NCT 660 FEL  
NO OP. NAMED  
REC 11/13/12 (MCKEOWN)

\*\*SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

SPACING - 581601

12/19/2012 - G30 - (640 HOR) 4-24N-4W  
VAC 560730 MSSP  
EST MISS  
(NCT 660' FBL)