

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

API NUMBER: 007 25647

Approval Date: 11/21/2013
Expiration Date: 05/21/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 1N Rge: 22ECM County: BEAVER

SPOT LOCATION: SE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 200 1050

Lease Name: MPH Well No: 1-7H Well will be 200 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY Telephone: 9184937700; 9184937 OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY
PO BOX 702500
TULSA, OK 74170-2500

MPH, LLC
PO BOX 66
BALKO OK 73932

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

	Name	Depth	Name	Depth
1	DOUGLAS	5260	6	
2	LANSING-KANSAS CITY	5366	7	
3	MARMATON	6475	8	
4			9	
5			10	

Spacing Orders: 201307625

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307626
201307625

Special Orders:

Total Depth: 11135

Ground Elevation: 2898

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 20000 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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 13-24804

H. SEE MEMO

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 07 Twp 1N Rge 22E County BEAVER

Spot Location of End Point: E2 NE NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1050

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 360

Total Length: 4500

Measured Total Depth: 11135

True Vertical Depth: 6529

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

Notes:

Category	Description
DEEP SURFACE CASING	11/18/2013 - 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
MEMO	11/18/2013 - G71 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, 20 MIL LINED GEOMEMBRANE TRENCH PIT FOR SOIL FARMING
PENDING CD - 201307625	11/21/2013 - G30 - (E.O.)(640 HOR) 7-1N-22ECM EXT 604874 DGLS, LGKC, MRMN POE TO BHL NLT 660' FB REC 11/19/13 (JOHNSON)
PENDING CD - 201307626	11/21/2013 - G30 - (E.O.) 7-1N-22ECM X201307625 DGLS, LGKC, MRMN SHL NCT 50 FSL, NCT 660 FWL COMP. INT. NCT 330 FSL, NCT 330 FNL, NCT 660 FWL NO OP. NAMED REC 11/19/13 (JOHNSON)

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