

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

API NUMBER: 047 24882

Approval Date: 06/13/2014  
Expiration Date: 12/13/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 21N Rge: 4W County: GARFIELD  
SPOT LOCATION:  NW  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 250 297

Lease Name: H.H. WILLIAMS 7-21N-4W Well No: 1MH Well will be 250 feet from nearest unit or lease boundary.  
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611; 4052353 OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP  
333 W SHERIDAN AVE DEC 34.428  
OKLAHOMA CITY, OK 73102-5010

HORACE WILLIAMS & JANICE WILLIAMS REV. TRUST  
3713 WILLOW LAKE LANE  
ENID OK 73703

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

	Name	Depth	Name	Depth
1	CHEROKEE	5610	6	
2	MISSISSIPPIAN	5810	7	
3	WOODFORD	6313	8	
4	SYLVAN	6413	9	
5			10	

Spacing Orders: 625955

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402286

Special Orders:

Total Depth: 10729

Ground Elevation: 1174

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 380

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 50000 Average: 8000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

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

PERMIT NO: 14-27382

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 350000 Average: 275000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

HORIZONTAL HOLE 1

Sec 07 Twp 21N Rge 4W County GARFIELD

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5555

Radius of Turn: 358

Direction: 176

Total Length: 4612

Measured Total Depth: 10729

True Vertical Depth: 6413

End Point Location from Lease,  
Unit, or Property Line: 50

Notes:

Category

Description

MEMO

6/4/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201402286

6/13/2014 - G75 - (I.O.) 7-21N-4W  
X625955 CHRK, MSSP, WDFD, SLVN  
XOTHER  
FIRST PERF NCT 150 FNL, NCT 330 FWL  
LAST PERF NCT 150 FSL, NCT 330 FWL  
NO OP. NAMED  
REC 4-22-2014 (M. PORTER)

SPACING - 625955

6/13/2014 - G75 - (640)(HOR) 7-21N-4W  
VAC 121647/131110/147054 MSSSD  
EXT 614051 MSSP, WDFD  
EXT 622502 SLVN  
EST CHRK  
POE TO BHL (CHRK, MSSP) NCT 660' FB  
POE TO BHL (WDFD, SLVN) NCT 330' FB  
(SUPERSEDE SP. ORDER # 121647 CSTR E2 & ORDER # 121647/147057 CSTR W2) \*\*

\*\* S/B ORDER # 121647/147054 CSTR W2; COPY OF NUNC PRO TUNC TO BE SUBMITTED BY ATTORNEY FOR OPERATOR WAS RECEIVED AND REVIEWED BY OCC