API NUMBER: 047 24875

Oil & Gas

Horizontal Hole

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

Approval Date:	06/02/2014
Expiration Date:	12/02/2014

PERMIT TO DRILL

WELL LOCATION:	Sec:	07	Twp:	21N	Rge:	4W	County:	GARFIELD
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SPOT LOCATION: NW FEET FROM QUARTER: WEST NW IINW lww NORTH SECTION LINES: 250 317

Lease Name: H.H. WILLIAMS 6-21N-4W Well No: 1WH Well will be 250 feet from nearest unit or lease boundary.

**DEVON ENERGY PRODUCTION CO LP** Operator OTC/OCC Number: Telephone: 4052353611 20751 0 Name:

DEVON ENERGY PRODUCTION CO LP 333 W SHERIDAN AVE DEC 34.428

OKLAHOMA CITY. OK 73102-5010 HORACE H. WILLIAMS REVOCABLE TRUST, U/A 3/25/1992 3713 WILLOW LAKE LANE

& JANICE S. WILLIAMS REVOCABLE TR, U/A 12/1/1999

**ENID** 73703

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5788	6	
2	WOODFORD	6293	7	
3	MISENER-HUNTON	6325	8	
4	SYLVAN	6342	9	
5	VIOLA	6362	10	
Spacing Orders:	605496 625757	Location Exception Orders:		Increased Density Orders: 624499

Pending CD Numbers: 201402138 Special Orders:

Total Depth: 11703 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

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

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?

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: 14-27381

H. SEE MEMO

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 06 Twp 21N Rge 4W County GARFIELD

Spot Location of End Point: NE NE NW NW
Feet From: NORTH 1/4 Section Line: 50
Feet From: WEST 1/4 Section Line: 1300

Depth of Deviation: 5955 Radius of Turn: 358

Direction: 10

Total Length: 5185

Measured Total Depth: 11703

True Vertical Depth: 6362

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

Additional Surface Owner Address City, State, Zip

HORACE H. WILLIAMS REVOCABLE

Notes:

Category Description

INCREASED DENSITY -624499 6/2/2014 - G72 - 06-21N-04W

X 605496 MSSP;

1 WELL;

DEVON ENERGY PRODUCTION COMPANY, L.P.;

4/25/2014;

MEMO 6/2/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 -

OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201402138 6/2/2014 - G72 - 6-21N-4W (I.O.)

X 605496 MSSP, WDFD, MSRH, VIOL;

X 625757 SLVN;

COMPL INT (MSSP, WDFD, MSRH, SLVN) NCT 150 FSL NCT 150FNL NCT 330 FWL;(VIOL) NCT

330 FSL FNL FWL; NO OPER NAMED; REC 4/15/2014 (LEVITT)

SPACING - 625757 6/2/2014 - G72 - (640 HORZ) 6-21N-4W

EXT 622502 SLVN, NLT 330' FB;

EXIST CONCURRENTLY WITH PRODUCING NON-HORIZONTAL

DRILLING AND SPACING UNITS

SUPERCEDE EXISTING NON-DEVELOPED NON-HORIZONTAL DRILLING

AND SPACING UNITS.

Description Category

**SPACING -605496** 

6/2/2014 - G72 - (640 HORZ) 6-21N-4W EST MSSP, WDFD, MSRH, VIOL; MSSP, MSRH, VIOL 660' FB; WDFD 330 FB.

EXIST CONCURRENTLY WITH PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS. SUPERCEDE EXISTING NON-DEVELOPED NON-HORIZONTAL DRILLING AND SPACING UNITS.