

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

API NUMBER: 083 24292

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 18N Rge: 2W County: LOGAN
SPOT LOCATION: NW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 322 361

Lease Name: LACY'S GIRL 12-18N-2W Well No: 1WH Well will be 322 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

WILLIAM D. ANTLE & JUDY C. ANTLE FAMILY TRUST
4524 E. CR 66
MULHALL OK 73063

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5226	6	
2	WOODFORD	5434	7	
3	MISENER-HUNTON	5470	8	
4	SYLVAN	5514	9	
5			10	

Spacing Orders: 620733

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400810

Special Orders:

Total Depth: 10216

Ground Elevation: 1070

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 300

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: 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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26903

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: 300000 Average: 200000

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: WELLINGTON

HORIZONTAL HOLE 1

Sec 12 Twp 18N Rge 2W County LOGAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 5116

Radius of Turn: 358

Direction: 181

Total Length: 4538

Measured Total Depth: 10216

True Vertical Depth: 5514

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

Notes:

Category

Description

MEMO

4/29/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201400810

5/2/2014 - G75 - (I.O.) 12-18N-2W
X620733 MSSP, WDFD, MSRH, SLVN
COMPL. INT. NCT 150 TO NL, NCT 150 TO SL, NCT 330 TO EL
NO OP. NAMED
REC 3-6-2014 (LEAVITT)

SPACING - 620733

5/2/2014 - G75 - (640)(HOR) 12-18N-2W
EXT 616416 MSSP, WDFD, MSRH, SLVN
POE TO BHL (WDFD, SLVN) NCT 330' FB, NCT 600' FWB
POE TO BHL (MSSP, MSRH) NCT 660' FB, NCT 600' FWB

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