

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

API NUMBER: 083 24230

Approval Date: 11/26/2013
Expiration Date: 05/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 18N Rge: 2W County: LOGAN
SPOT LOCATION: NE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 371 247

Lease Name: POST 13-18N-2W Well No: 1WH Well will be 247 feet from nearest unit or lease boundary.

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

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

WILLIAM B. AND JULIANA L. MCINTOSH
7440 N. PENN AVENUE
GUTHRIE OK 73044

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

	Name	Depth	Name	Depth
1	OSWEGO	4952	6	
2	MISSISSIPPIAN	5253	7	
3	WOODFORD	5493	8	
4	SYLVAN	5594	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201303841
201303842

Special Orders:

Total Depth: 10950 Ground Elevation: 5528 **Surface Casing: 450** 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: 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: 13-24862
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 13 Twp 18N Rge 2W County LOGAN

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5000

Radius of Turn: 716

Direction: 184

Total Length: 4889

Measured Total Depth: 10950

True Vertical Depth: 5594

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

Notes:

Category

Description

MEMO

11/21/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, CONCRETE LINED PIT FOR SOIL FARMING PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201303841

11/26/2013 - G30 - (640 HOR) 13-18N-2W EST OSWG, MSSP, WDFD, SLVN, OTHERS (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS) REC 7/8/13 (M.PORTER)

PENDING CD - 201303842

11/26/2013 - G30 - 13-18N-2W X201303841 OSWG, MSSP, WDFD, SLVN, OTHERS POE NCT 0 TO NL, NCT 330 TO EL/WL MSSP, WDFD, SLVN: 1ST PERF NCT 150 TO NL, NCT 330 TO EL/WL LAST PERF NCT 150 TO SL, NCT 330 TO EL/WL OSWG: 1ST PERF NCT 330 TO NL, NCT 330 TO EL/WL LAST PERF NCT 330 TO SL, NCT 330 TO EL/WL BHL NCT 0 TO SL, NCT 330 TO EL/WL NO OP. NAMED REC 7/8/13 (M.PORTER)

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.

083 24230 POST 13-18N-2W 1WH