

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

API NUMBER: 117 23538

Approval Date: 06/06/2013
Expiration Date: 12/06/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 22N Rge: 3E County: PAWNEE
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 218 240

Lease Name: JO LYNN 19-22N-3E Well No: 1WH Well will be 218 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 SHERIDIAN AVE DEC 34.428
OKLAHOMA CITY, OK 73102-5010

JO LYNN SCHWEIKHART
10025 S. SOONER RD.
OKLAHOMA CITY OK 73165

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4048	6	
2	WOODFORD	4283	7	
3	VIOLA	4300	8	
4	WILCOX	4350	9	
5			10	

Spacing Orders: 610077

Location Exception Orders: 611001

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9250

Ground Elevation: 968

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 310

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-23440

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

HORIZONTAL HOLE 1

Sec 19 Twp 22N Rge 3E County PAWNEE

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: 3777

Radius of Turn: 716

Direction: 184

Total Length: 4353

Measured Total Depth: 9250

True Vertical Depth: 4493

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

Notes:

Category

Description

LOCATION EXCEPTION - 611001

6/6/2013 - G30 - (I.O.) 19-22N-3E
X610077 MSSP, WDFD, VIOL, WLCX, OTHER
MSSP & WDFD:1ST PERF NCT 150 FNL, NCT 330 FEL
LAST PERF NCT 150 FSL, NCT 330 FEL
VIOL & WLCX: 1ST PERF NCT 330 FNL, NCT 330 FEL
LAST PERF NCT 330 FSL, NCT 330 FEL
DEVON ENERGY PRODUCTION COMPANY, L.P.
5/1/13

MEMO

6/6/2013 - G30 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (PER OPERATOR OPTION); PIT 2 -
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 610077

6/6/2013 - G30 - (640 HOR) 19-22N-3E
EXT 907879 MSSP, WDFD, VIOL, WLCX, OTHER
EST OTHER
POE TO BHL (MSSP, VIOL, WLCX): NCT 60' FB
POE TO BHL (WDFD) NCT 330' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH
PRODUCING NON-HORIZONTAL SPACING UNITS)