

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

API NUMBER: 119 24209

Approval Date: 04/11/2014
Expiration Date: 10/11/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 19N Rge: 1W County: PAYNE
SPOT LOCATION: NE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 410 235

Lease Name: LEACH 17-19N-1W Well No: 1WH Well will be 235 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

NIKKI G. AND LAURA I. LEACH
P. O. BOX 1006
PERRY OK 73077

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4783	6	
2	WOODFORD	4814	7	
3	MISENER-HUNTON	4850	8	
4	SYLVAN	4887	9	
5	VIOLA	4907	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402433
201402434

Special Orders:

Total Depth: 10310 Ground Elevation: 1019 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 90

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: 14-26690
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 17 Twp 19N Rge 1W County PAYNE

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: 4442

Radius of Turn: 409

Direction: 181

Total Length: 5225

Measured Total Depth: 10310

True Vertical Depth: 4907

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

Notes:

Category

Description

DEEP SURFACE CASING

4/9/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

MEMO

4/9/2014 - 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 - 201402433

4/9/2014 - G30 - (E.O.)(640 HOR) 17-19N-1W
VAC 174611/177001 MSNR, MSSCT, MSSLM, VIOL
EXT 201401235 MSSP, WDFD, MSRH, SLVN, VIOL
(SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
REC 4/11/14 (M.PORTER, PER ATTORNEY FOR OPERATOR)

PENDING CD - 201402434

4/9/2014 - G30 - 17-19N-1W
X201402433 MSSP, WDFD, MSRH, SLVN, VIOL
MSSP, WDFD, MSRH, SLVN: 1ST PERF NCT 150 FNL, NCT 330 FEL
LAST PERF NCT 150 FSL, NCT 330 FEL
VIOL: 1ST PERF NCT 330 FNL, NCT 330 FEL
LAST PERF NCT 330 FSL, NCT 330 FEL
NO OP. NAMED
REC 4/11/14 (M.PORTER, PER ATTORNEY FOR OPERATOR)

This permit does not address the right of entry or settlement of surface damages.

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