

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

API NUMBER: 083 24335

Approval Date: 10/09/2014  
Expiration Date: 04/09/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 19N Rge: 4W County: LOGAN  
SPOT LOCATION:  SE  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 497 315

Lease Name: FICKEN 28-19N-4W Well No: 1WH Well will be 315 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

VERNON AND SHERRY FICKEN REVOCABLE LIVING TRUST  
2808 KENSINGTON TERRACE  
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 CHEROKEE	5370	6 VIOLA	6450
2 MISSISSIPPIAN	5671	7	
3 WOODFORD	6050	8	
4 MISENER-HUNTON	6400	9	
5 SYLVAN	6430	10	

Spacing Orders: 627094

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201405877

Special Orders:

Total Depth: 10404

Ground Elevation: 1002

**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: 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: GARBER

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28177

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: GARBER

HORIZONTAL HOLE 1

Sec 28 Twp 19N Rge 4W 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: 5458

Radius of Turn: 358

Direction: 181

Total Length: 4384

Measured Total Depth: 10404

True Vertical Depth: 6450

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

Notes:

Category

Description

MEMO

8/26/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201405877

10/9/2014 - G72 - 28-19N-04W (I.O.)  
X 627094 CHRK, MSSP, WDFD, MDRH, SLVN, VIOL;  
COMP INT. (MSSP WDFD, MSRH, SLVN) NCT 150 FNL NCT 150 FSL NCT 330 FEL;  
COMP INT. (CHRK, VIOL) NCT 330 FNL NCT 330 FSL NCT 330 FEL;  
NO OPER NAMED;  
REC 9/2/2014 (LEAVITT)

SPACING - 627094

10/9/2014 - G72 - (640 HORZ) 28-19N-04W  
VAC 63648 MSSLM  
EXT 607771 MSSP, WDFD, MSRH, VIOL,  
EST CHRK, SLVN,  
POE TO BHL (CHRK, MSSP,MSRH,VIOL) NCT 660' FB,  
POE TO BHL (WDFD, SLVN) NCT 330' FB