

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

API NUMBER: 119 24215 B

Approval Date: 04/29/2014
Expiration Date: 10/29/2014

Horizontal Hole Oil & Gas

Amend reason: CORRECT SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 19N Rge: 3E County: PAYNE
SPOT LOCATION: SW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 270 985

Lease Name: MURIE 27-19N-3E Well No: 1WH Well will be 270 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

BETTY MURIE
3101 S. PRAIRIE ROAD
STILLWATER OK 74074

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4060	6 VIOLA	4300
2 WOODFORD	4186	7	
3 MISENER	4200	8	
4 HUNTON	4225	9	
5 SYLVAN	4250	10	

Spacing Orders: 619040
625020

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402284

Special Orders:

Total Depth: 9132 Ground Elevation: 892 **Surface Casing: 500** Depth to base of Treatable Water-Bearing FM: 390

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: OSCAR

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26906
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: OSCAR

HORIZONTAL HOLE 1

Sec 27 Twp 19N Rge 3E County PAYNE

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 3848

Radius of Turn: 358

Direction: 355

Total Length: 4721

Measured Total Depth: 9132

True Vertical Depth: 4301

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

Notes:

Category

Description

MEMO

4/24/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201402284

4/28/2014 - G72 - 27-19N-3E X 201402283 MSSP, WDFD, HNTN, MSNR, SLVN, VIOL;
COMP INT. MSSP, WDFD, HNTN, MSNR, SLVN, NCT 150 FSL NCT 150 FNL NCT 330 FWL;
COMP INT. VIOL, NCT 330 FSL NCT 330 FNL NCT 330 FWL;
NO OPER. NAMED;
REC 4/23/2014 (STUCK)

SPACING - 619040

4/28/2014 - G72 - (640) HORZ 27-19N-3E
EXT 604780 MSSP, SLVN, VIOL;
EXT 606120 WDFD;
SUPERSEDE 369480 SW SW SW SEC 27 MSSLM, WDFD, VIOL;
MAY EXIST CONCURRENTLY W/ NON-HORZ UNITS;
MSSP & VIOL 660 FB;
WDFD & SLVN 330 FB;

SPACING - 625020

5/21/2014 - G72 - (640) HORZ 27-19N-3E
VACATE 369480 SW SW SW SEC 27 MSNR;
EST MSNR, HNTN;
660 FB;
SUPERSEDE EXISTING NON-DEV NON-HORZ UNITS;
COEXIST W/ PRODUCING NON-HORZ UNITS;
5/7/2014

WATERSHED STRUCTURE

4/24/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 372-7201 PRIOR TO DRILLING

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.