

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

API NUMBER: 119 24201

Approval Date: 03/26/2014  
Expiration Date: 09/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 18N Rge: 1W County: PAYNE  
SPOT LOCATION:  SW  NE  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 564 770

Lease Name: LENORA 20-18N-1W Well No: 1WH Well will be 564 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

RALPH E. YOST & LENORA E. YOST  
17405 W. 92ND  
COYLE OK 73027

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5100	6	
2	WOODFORD	5315	7	
3	MISENER-HUNTON	5405	8	
4	SYLVAN	5416	9	
5	VIOLA	5450	10	

Spacing Orders: 623122

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201401361

Special Orders:

Total Depth: 11250

Ground Elevation: 933

**Surface Casing: 450**

Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

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

PERMIT NO: 14-26578

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 20 Twp 18N Rge 1W County PAYNE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 450

Depth of Deviation: 4700

Radius of Turn: 716

Direction: 356

Total Length: 5425

Measured Total Depth: 11250

True Vertical Depth: 5450

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

Notes:

Category

Description

MEMO

3/25/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CIMARRON RIVER);  
PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201401361

3/25/2014 - G75 - (I.O.) 20-18N-1W  
X623122 MSSP, WDFD, MSRH, SLVN, VIOL  
FIRST PERF (MSSP, WDFD, MSRH, SLVN) NCT 150 FSL, NCT 330 FWL  
LAST PERF (MSSP, WDFD, MSRH, SLVN) NCT 150 FNL, NCT 330 FWL  
FIRST PERF (VIOL) NCT 330 FSL, NCT 330 FWL  
LAST PERF (VIOL) NCT 330 FNL, NCT 330 FWL  
NO OP. NAMED  
REC 3-25-2014 (M. PORTER)

SPACING - 623122

3/25/2014 - G75 - (640)(HOR) 20-18N-1W  
VAC 145682 MSSLM \*\*  
EXT 618084 MSSP, WDFD, MSRH, SLVN, VIOL, OTHER  
POE TO BHL (WDFD, SLVN) NCT 330' FB  
POE TO BHL (MSSP, MSRH, VIOL) NCT 660' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH  
PRODUCING NON-HORIZONTAL SPACING UNITS)

\*\* S/B VAC 145692 MSSLM; NUNC PRO TUNC HAS BEEN PREPARED BY ATTORNEY FOR  
OPERATOR AND A COPY SUBMITTED TO OCC FOR REVIEW