

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

API NUMBER: 083 24319 A

Approval Date: 09/02/2014  
Expiration Date: 03/02/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION:  NE  NE  NE  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 270 2562

Lease Name: FUXA B 25-19N-4W

Well No: 4MH

Well will be 270 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

HENRY D. FUXA AND MARY K. FUXA  
23253 N. HIGHWAY 74  
MARSHALL OK 73056

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5646	6	
2	WOODFORD	6039	7	
3	MISENER-HUNTON	6095	8	
4	SYLVAN	6099	9	
5	VIOLA	6188	10	

Spacing Orders: 590650  
618193  
609434

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201405194

Special Orders:

Total Depth: 10634

Ground Elevation: 1092

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 330

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: GARBBER

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28038

H. SEE MEMO

**Cancel Permit per OCC  
UH 9-4-2014**

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: 325000 Average: 250000

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 25 Twp 19N Rge 4W County LOGAN

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2200

Depth of Deviation: 5448

Radius of Turn: 358

Direction: 174

Total Length: 4624

Measured Total Depth: 10634

True Vertical Depth: 6188

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

Notes:

Category

Description

MEMO

8/7/2014 - G76 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201405194

9/2/2014 - G72 - 25-19N-4W (I.O.)  
X 590650, 618193, 609434, MSSP, WDFD, MSRN\*, HNTN\*, SLVN, VIOL;  
COMP INT.(MSSP, WDFD, MSRN, HNTN, SLVN) NCT 150 FNL NCT 150 FSL NCT 1320 FEL;  
COMP INT. (VIOL) NCT 330 FNL NCT 330 FSL NCT 1320 FEL;  
EXCEPTION TO RULE 165:10-3-28 WELL MAY BE AS CLOSE AS 500' TO AN EXISTING WELLBORE.  
NO OPER NAMED;  
REC 8/12/2014 (CANDLER)  
\*FORMATIONS WILL BE AMENDED AT THE FINAL HEARING TO BE MSRH(MISENER-HUNTON) PER ATTORNEY'S.

SPACING - 590650

9/2/2014 - G72 - (640 HOR) 25-19N-4W  
EST MSSP, WDFD, MSRH  
POE TO BHL (MSSP, MSRH): NLT 660' FB, NCT 600 FWB  
POE TO BHL (WDFD): NLT 330' FB, NCT 600 FWB (SUPERSEDE SP. 78424/122035 MSSLM & SP. 237013 MSRH)

SPACING - 609434

9/2/2014 - G72 - (640 HOR) 25-19N-4W  
EST VIOL  
POE TO BHL: NCT 660' FB  
(COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

SPACING - 618193

9/2/2014 - G72 - (640 HORZ) 25-19N-04W  
EST SLVN;  
POE TO BHL NCT 330' FB

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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.

083 24319 FUXA B 25-19N-4W 4MH