

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

API NUMBER: 083 24101

Approval Date: 05/06/2013
Expiration Date: 11/06/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 18N Rge: 2W County: LOGAN
SPOT LOCATION: SW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 351 260

Lease Name: D. RINGER 24-18N-3W Well No: 1WH Well will be 260 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 SHERIDIAN AVE DEC 34.428
OKLAHOMA CITY, OK 73102-5010

DOUGLAS G. RINGER REVOCABLE TRUST
1310 W. COUNTY RD. 69
ATTN: DOUGLAS G AND BRENDA NELL RINGER CO-TRUSTEES
MULHALL OK 73063

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5499	6	
2	WOODFORD	5814	7	
3	SYLVAN	5885	8	
4	MISENER-HUNTON	5960	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302922
201302923

Special Orders:

Total Depth: 10776 Ground Elevation: 1029 **Surface Casing: 500** Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER
Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 13-23203

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: ON SITE
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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: GARBER

HORIZONTAL HOLE 1

Sec 24 Twp 18N Rge 3W County LOGAN
Spot Location of End Point: SE SW SE SE
Feet From: SOUTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 980
Depth of Deviation: 5328
Radius of Turn: 716
Direction: 194
Total Length: 4329
Measured Total Depth: 10776
True Vertical Depth: 6044
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Contains notes for MEMO, PENDING CD - 201302922, and PENDING CD - 201302923.

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