

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

API NUMBER: 103 24603

Approval Date: 11/15/2013
Expiration Date: 05/15/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 20N Rge: 1W County: NOBLE
SPOT LOCATION: W2 NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 330 750

Lease Name: WOSMEK 23-20N-1W Well No: 1WH Well will be 330 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

PHILIP J WOSMEK
1201 LOCUST
PERRY OK 73077

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4957	6	
2	WOODFORD	5208	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307368
201307369

Special Orders:

Total Depth: 9828 Ground Elevation: 1088 **Surface Casing: 500** 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: 13-24866
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 23 Twp 20N Rge 1W County NOBLE

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4508

Radius of Turn: 716

Direction: 181

Total Length: 4195

Measured Total Depth: 9828

True Vertical Depth: 5224

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

Notes:

Category

Description

MEMO

11/12/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201307368

11/13/2013 - G30 - (640) 23-20N-1W
(VER) EST OTHERS
(HOR) EXT 608081 WDFD
(HOR) EST MSSP, OTHERS
POE TO BHL (MSSP) NCT 660' FB
POE TO BHL (WDFD) NCT 330' FB
REC 11/15/13 (LEAVITT)

PENDING CD - 201307369

11/13/2013 - G30 - 23-20N-1W
X201307368 MSSP, WDFD, OTHERS
1ST PERF NCT 150 FNL, NCT 330 FWL
LAST PERF NCT 150 FSL, NCT 330 FWL
NO OP. NAMED
REC 11/15/13 (LEAVITT)

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