

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

API NUMBER: 103 24684

Approval Date: 09/12/2014

Expiration Date: 03/12/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 21N Rge: 1E

County: NOBLE

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 1467

Lease Name: DIXIE 32-21N-1E

Well No: 1MH

Well will be 300 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

MICHAEL JOHNSON
1912 HIGHWAY 77 WEST
PERRY OK 73077

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	4917	6	VIOLA	5320
2	WOODFORD	5148	7		
3	MISENER	5195	8		
4	HUNTON	5200	9		
5	SYLVAN	5205	10		

Spacing Orders: 629169

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406023

Special Orders:

Total Depth: 9768

Ground Elevation: 1140

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

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: 14-28265

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: 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: WELLINGTON

HORIZONTAL HOLE 1

Sec 32 Twp 21N Rge 1E County NOBLE

Spot Location of End Point: S2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 4609

Radius of Turn: 358

Direction: 185

Total Length: 4596

Measured Total Depth: 9768

True Vertical Depth: 5320

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

Notes:

Category

Description

MEMO

9/2/2014 - G76 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201406023

9/12/2014 - G72 - 32-21N-01E (I.O.)
X 629169 MSSP, WDFD, MSNR, HNTN, SLVN, VIOL;
COMP INT. NCT 150 FNL NCT 150 FSL NCT 660 FWL;
COMP INT. (VIOL ONLY) NCT 330 FNL NCT 330 FSL NCT 660 FWL;
NO OPER NAMED;
REC 9/9/2014 (CANDLER)

SPACING - 629169

9/12/2014 - G72 - (640 HORZ) 32-21N-01E
VAC 154680 & 275048 MSSLM, MSNR, VIOL, OTHER;
**
EXT 619174 MSSP, WDFD, MSNR, SLVN, VIOL, OTHER;
EST HNTN;
POE TO BHL (MSSP, MSNR, HNTN, VIOL, OTHER) NCT 660' FB;
POE TO BHL (WDFD, SLVN) NCT 330' FB;
(SUPESEDE EXISTING NON-DEVELOPED NON-HORIZONTAL UNITS,
COEXIST WITH PRODUCING NON-HORIZONTAL UNIT)
** NPT PREPARED BY ATTORNEY TO SHOW 205243 MSSCT, MSSLM, MSNR, VIOL & OTHER
TO BE VACATED IN ORDER ALSO.

This permit does not address the right of entry or settlement of surface damages.

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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.

103 24684 DIXIE 32-21N-1E 1MH