

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

API NUMBER: 103 24627

Approval Date: 01/22/2014
Expiration Date: 07/22/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 21N Rge: 2E County: NOBLE
SPOT LOCATION: SW SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 289 255

Lease Name: TAYLOR 8_5-21N-2E Well No: 1WHX Well will be 255 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

TIM P TAYLOR AND SHEILA TAYLOR
20708 CR210
MORRISON OK 73061

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4326	6	
2 WOODFORD	4436	7	
3 MISENER	4476	8	
4		9	
5		10	

Spacing Orders: 609430
611239

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400209
201400135
201400210
201400136
201400211

Special Orders:

Total Depth: 14434

Ground Elevation: 962

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 160

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: WELLINGTON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26139

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 05 Twp 21N Rge 2E County NOBLE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 575

Depth of Deviation: 4072

Radius of Turn: 409

Direction: 355

Total Length: 9710

Measured Total Depth: 14434

True Vertical Depth: 4481

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

Notes:

Category

Description

DEEP SURFACE CASING

1/22/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

MEMO

1/22/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, CONCRETE LINED PIT FOR SOIL FARMING PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201400135

1/22/2014 - G30 - (640 HOR) 5-21N-2E
EST MSNR, OTHER
POE TO BHL NCT 660' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
REC 1/17/14 (LEAVITT)

PENDING CD - 201400136

1/22/2014 - G30 - (640 HOR) 8-21N-2E
EST MSNR, OTHER
POE TO BHL NCT 660' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
REC 1/17/14 (LEAVITT)

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Category	Description
PENDING CD - 201400209	1/22/2014 - G30 - (E.O.) 5 & 8-21N-2E X611239 MSSP, WDFD 8-21N-2E X609430 MSSP, WDFD 5-21N-2E X201400135 MSNR 5-21N-2E X201400136 MSNR 8-21N-2E EST MULTIUNIT FOR HORIZONTAL WELL PER OCC 165:5-7-62 5-21N-2E (50%) 8-21N-2E (50%) NO OP. NAMED REC 1/17/14 (LEAVITT)
PENDING CD - 201400210	1/22/2014 - G30 - (E.O.) 5-21N-2E X609430 MSSP, WDFD, OTHERS X201400135 MSNR, OTHER 1ST PERF NCT 0 FSL, 330 FEL LAST PERF NCT 150 FNL, 330 FEL NO OP. NAMED REC 1/17/14 (LEAVITT)
PENDING CD - 201400211	1/22/2014 - G30 - (E.O.) 8-21N-2E X611239 MSSP, WDFD, OTHERS X201400136 MSNR, OTHER 1ST PERF NCT 150 FSL, 330 FEL LAST PERF NCT 0 FNL, 330 FEL NO OP. NAMED REC 1/17/14 (LEAVITT)
SPACING - 609430	1/22/2014 - G30 - (640 HOR) 5-21N-2E VAC 303345 MSSCT, MSSLM, OTHERS EXT 592294 WDFD EST MSSP, OTHERS POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 330' FB (SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
SPACING - 611239	1/22/2014 - G30 - (640 HOR) 8-21N-2E X607547 MSSP, WDFD EXT OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 330' FB (SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
WATERSHED STRUCTURE	1/22/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 336-2003 PRIOR TO DRILLING

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