

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

API NUMBER: 083 24368 A

Approval Date: 01/27/2015
Expiration Date: 07/27/2015

Horizontal Hole Oil & Gas

Amend reason: CHANGE THE SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 18N Rge: 3W County: LOGAN
SPOT LOCATION: SW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 435 1701

Lease Name: SCHIRO 2-18N-3W Well No: 3WH Well will be 435 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

LORRAINE S. SCHIRO
103 MAPLE COVE
LONG BEACH MS 39560

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5462	6	
2 WOODFORD	5743	7	
3		8	
4		9	
5		10	

Spacing Orders: 600398 Location Exception Orders: Increased Density Orders: 634431

Pending CD Numbers: 201408213 Special Orders:

Total Depth: 10492 Ground Elevation: 1028 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: GARBER

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29178
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: GARBER

HORIZONTAL HOLE 1

Sec 02 Twp 18N Rge 3W County LOGAN

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1850

Depth of Deviation: 5416

Radius of Turn: 358

Direction: 181

Total Length: 4513

Measured Total Depth: 10492

True Vertical Depth: 5774

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

Notes:

Category

Description

INCREASED DENSITY - 634431

1/27/2015 - G76 - 2-18N-3W
X600398 MSSP, WDFD
3 WELLS
DEVON ENERGY PROD. CO., L.P.
12/22/2014

MEMO

1/26/2015 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201408213

1/27/2015 - G76 - (I.O.) 2-18N-3W
X600398 MSSP, WDFD
X165:10-3-28 MSSP, WDFD
FIRST PERF NCT 150 FNL, NCT 1850 FEL
LAST PERF NCT 150 FSL, NCT 1850 FEL
NO OP. NAMED
REC. 11/25/2014 (M. PORTER)

SPACING - 600398

1/27/2015 - G76 - (640)(HOR) 2-18N-3W
EXT 587469 MSSP, WDFD, OTHER
EST OTHER
POE TO BHL (MSSP, OTHERS) NLT 660' FB, NCT 600' FWB
POE TO BHL (WDFD) NLT 330' FB, NCT 600' FWB
(COEXIST WITH SP. 68477 MSSLM; SUPERSEDE SP. 68477 OTHER)

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.