

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

API NUMBER: 047 24939

Approval Date: 09/29/2014
Expiration Date: 03/29/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 21N Rge: 5W County: GARFIELD
SPOT LOCATION: SE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 235 309

Lease Name: HEDGES 7-21N-5W Well No: 1MH Well will be 235 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

CLEE J. & PATRICIA HEDGES REV. TR. ATTN: CLEE J. HEDGES, TTEE.
7701 E. FOX DR.
ENID OK 73701

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6073	6 VIOLA	6789
2 WOODFORD	6640	7	
3 MISENER	6680	8	
4 HUNTON	6690	9	
5 SYLVAN	6695	10	

Spacing Orders: 626864

Location Exception Orders: 627409

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11935

Ground Elevation: 1115

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 350

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 50000 Average: 8000

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: KINGMAN

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

PERMIT NO: 14-27796

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: 350000 Average: 275000

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: KINGMAN

HORIZONTAL HOLE 1

Sec 07 Twp 21N Rge 5W County GARFIELD

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 6262

Radius of Turn: 527

Direction: 182

Total Length: 4845

Measured Total Depth: 11935

True Vertical Depth: 6789

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

Notes:

Category

Description

LOCATION EXCEPTION - 627409

9/29/2014 - G91 - 7-21N-5W
X 626864 MSSP, WDFD, MSNR, HNTN, SLVN, VIOL
1ST PERF NCT 150 FNL, NCT 330 FEL
LAST PERF NCT 150 FSL, NCT 330 FEL (MSSP, WDFD, MSNR, HNTN, SLVN)
1ST PERF NCT 330 FNL, NCT 330 FEL
LAST PERF NCT 330 FSL, NCT 330 FEL (VIOL)
DEVON ENERGY PRODUCTION CO., LP.
7-2-2014

MEMO

9/29/2014 - G76 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 626864

9/29/2014 - G91 - (640)(HOR) 7-21N-5W
EST MSSP, WDFD, MSNR, HNTN, SLVN, VIOL
POE TO BHL NCT 660' FB (MSSP, MSNR, HNTN, VIOL)
POE TO BHL NCT 330' FB (WDFD, SLVN)
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST SP. ORDER #
59432 MISS, MCKNIGHT A 1-7, HUDKINS 1)

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.

047 24939 HEDGES 7-21N-5W 1MH