

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

API NUMBER: 119 24203

Approval Date: 03/27/2014
Expiration Date: 09/27/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 18N Rge: 1W County: PAYNE
SPOT LOCATION: NW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 350 1132

Lease Name: JALETA 28-18N-1W Well No: 1WH Well will be 350 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

J.D. THOMASON AND JALETA THOMASON
18800 W. 92ND ST
MULHALL OK 73063

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5027	6	
2 WOODFORD	5212	7	
3 SYLVAN	5282	8	
4 VIOLA	5300	9	
5		10	

Spacing Orders: 600238

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201401398
201401399

Special Orders:

Total Depth: 10735

Ground Elevation: 978

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 180

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: 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: WELLINGTON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26651

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 28 Twp 18N Rge 1W County LOGAN

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: 4952

Radius of Turn: 358

Direction: 172

Total Length: 5237

Measured Total Depth: 10735

True Vertical Depth: 5310

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

Notes:

Category

Description

DEEP SURFACE CASING

3/27/2014 - G30 - 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

3/27/2014 - G30 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED, CIMARRON RIVER); PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201401398

3/27/2014 - G30 - (640 HOR) 28-18N-1W
EST SLVN, VIOL, OTHERS
COMP. INT. (VIOL) NCT 660' FB
COMP. INT. (SLVN) NCT 330' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
REC 3/25/14 (M.PORTER)

PENDING CD - 201401399

3/27/2014 - G30 - (E.O.) 28-18N-1W
X600238 MSSP, WDFD
X201401398 SLVN, VIOL, OTHER
MSSP, WDFD, SLVN: 1ST PERF NCT 150 FNL, NCT 330 FEL
LAST PERF NCT 150 FSL, NCT 330 FEL
VIOL: 1ST PERF NCT 330 FNL, NCT 330 FEL
LAST PERF NCT 330 FSL, NCT 330 FEL
NO OP. NAMED
REC 3/25/14 (M.PORTER)

SPACING - 600238

3/27/2014 - G30 - (640 HOR) 28-18N-1W
EXT 596742 MSSP, WDFD
COMP. INT. (MSSP) NLT 660' FB, NCT 600' FWB
COMP. INT. (WDFD) NLT 330' FB, NCT 600' FWB
(SUPERSEDE SP. 214366 MISS)

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.