

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

API NUMBER: 083 24232

Approval Date: 12/03/2013
Expiration Date: 06/03/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 18N Rge: 2W County: LOGAN
SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 212 583

Lease Name: BECK 35/2-18N-2W Well No: 1WHX Well will be 212 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

BECK AG PROPERTIES, LLC
12328 N. MIDWEST BLVD
C/O RAYMOND E. BECK AND TALLERI A. BECK
MULHALL OK 73063

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5258	6	
2 WOODFORD	5500	7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307416
201307417
201307422
201307420
201307419

Special Orders:

Total Depth: 15751 Ground Elevation: 955 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 170

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: 13-24386

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 02 Twp 17N Rge 2W County LOGAN

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 4574

Radius of Turn: 955

Direction: 181

Total Length: 9685

Measured Total Depth: 15751

True Vertical Depth: 5616

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

Notes:

Category

Description

DEEP SURFACE CASING

11/20/2013 - 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

11/20/2013 - 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 - 201307416

11/20/2013 - G30 - (E.O.) 35-18N-2W & 2-17N-2W
X201307417 MSSP, WDFD, OTHER 35-18N-2W
X201307420 MSSP, WDFD, OTHER 2-17N-2W
EST MULTIUNIT FOR HORIZONTAL WELL PER OCC 165:5-7-6.2
35-18N-2W (50%)
2-17N-2W (50%)
NO OP. NAMED
REC 12/2/13 (DECKER)

PENDING CD - 201307417

11/20/2013 - G30 - (E.O.)(640 HOR) 35-18N-2W
EXT 616316 MSSP, WDFD, OTHERS
REC 12/2/13 (DECKER)

PENDING CD - 201307419

11/20/2013 - G30 - (E.O.) 35-18N-2W
X201307417 MSSP, WDFD, OTHER
POE NCT 0 TO NL, NCT 330 TO EL
1ST PERF NCT 150 TO NL, NCT 330 TO EL
LAST PERF NCT 0 TO SL, NCT 330 TO EL
NO OP. NAMED
REC 12/2/13 (DECKER)

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Category	Description
PENDING CD - 201307420	11/20/2013 - G30 - (E.O.)(640 HOR) 2-17N-2W EXT 201306816 MSSP, WDFD, OTHERS (COEXIST WITH SP. 134357, MSSLM, ARNETT 1-2, API 083-20915) REC 12/2/13 (DECKER)
PENDING CD - 201307422	11/20/2013 - G30 - (E.O.) 2-17N-2W X201307420 MSSP, WDFD, OTHER POE NCT 0 TO NL, NCT 330 TO EL 1ST PERF NCT 0 TO NL, NCT 330 TO EL LAST PERF NCT 150 TO SL, NCT 330 TO EL BHL NCT 0 TO WL, NCT 330 TO EL NO OP. NAMED REC 12/2/13 (DECKER)

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.