

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

API NUMBER: 017 24565

Approval Date: 04/01/2013
Expiration Date: 10/01/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 13N Rge: 9W County: CANADIAN
SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 2320

Lease Name: LECK 20-13N-9W Well No: 6H Well will be 250 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 SHERIDIAN AVE DEC 34.428
OKLAHOMA CITY, OK 73102-5010

MICHELLE STEFFEN CORDRAY
2623 NW 152ND ST
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 WOODFORD	12423	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 459211 Location Exception Orders: 607045 Increased Density Orders: 604970
591486

Pending CD Numbers:

Special Orders:

Total Depth: 17320 Ground Elevation: 1508 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: WATER BASED
Chlorides Max: 50000 Average: 5000
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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 13-22466

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: ON SITE
 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: 3
Liner required for Category: 3
 Pit Location is BED AQUIFER
 Pit Location Formation: MARLOW

HORIZONTAL HOLE 1

Sec 20 Twp 13N Rge 9W County CANADIAN
 Spot Location of End Point: NE NW NW NE
 Feet From: NORTH 1/4 Section Line: 50
 Feet From: EAST 1/4 Section Line: 2060
 Depth of Deviation: 12100
 Radius of Turn: 477
 Direction: 1
 Total Length: 4320
 Measured Total Depth: 17320
 True Vertical Depth: 12550
 End Point Location from Lease,
 Unit, or Property Line: 50

Additional Surface Owner	Address	City, State, Zip
SANDRA JEAN STEFFEN	1900 HANDEY DR.	EL RENO, OK 73036
MICHAEL EUGENE STEFFEN	1800 HANDLEY DR	EL RENO, OK 73036
STEFFEN FARMS LLC	1800 HANDEY DRIVE	EL RENO, OK 73036

Notes:

Category	Description
DEEP SURFACE CASING	4/1/2013 - 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
INCREASED DENSITY - 591486	4/1/2013 - G30 - 20-13N-9W X459211 WDFD 8 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 11/30/11
INCREASED DENSITY - 604970	4/1/2013 - G30 - 20-13N-9W EXTEND ID ORDER #591486 UNTIL 11/30/13
LOCATION EXCEPTION - 607045	4/1/2013 - G30 - (I.O.) 20-13N-9W X459211 WDFD 1ST PERF NCT 150 FSL, NCT 1980 FEL LAST PERF NCT 150 FNL, NCT 1980 FEL X165:10-3-28 AS CLOSE AS 500' TO AN EXISTING WELLBORE DEVON ENERGY PRODUCTION COMPANY, L.P. 1/28/13
MEMO	4/1/2013 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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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.

Category

Description

SPACING - 459211

4/1/2013 - G30 - (640) 20-13N-9W
EXT 442698 WDFD, OTHERS
EXT OTHERS

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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.