

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

API NUMBER: 119 24000 A

Approval Date: 11/09/2012  
Expiration Date: 05/09/2013

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION & TOTAL DEPTH;  
UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 18N Rge: 6E County: PAYNE  
SPOT LOCATION:  SE  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 370 409

Lease Name: HC RYAN 15-18N-6E Well No: 1MH Well will be 370 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 SHERIDIAN AVE DEC 34.428  
OKLAHOMA CITY, OK 73102-5010

RANDY J. RYAN  
212 W. MAIN STREET  
TISHOMINGO OK 73460

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	3330	6	
2 WOODFORD	3480	7	
3		8	
4		9	
5		10	

Spacing Orders: 605010 Location Exception Orders: 606498 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 8102 Ground Elevation: 825 **Surface Casing: 900** Depth to base of Treatable Water-Bearing FM: 850

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 12-21852

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 15 Twp 18N Rge 6E County PAYNE

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 2654

Radius of Turn: 716

Direction: 181

Total Length: 4262

Measured Total Depth: 8102

True Vertical Depth: 3480

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

Additional Surface Owner	Address	City, State, Zip
MARY ADELIA JETT	1339 MOSES STREET	CUSHING, OK 74023

Notes:

Category

Description

LOCATION EXCEPTION - 606498

3/21/2013 - G75 - (I.O.) 15-18N-6E  
X605010 MSSP, WDFD, OTHERS  
1ST PERF NCT 150 FNL, NCT 330 FWL  
LAST PERF NCT 150 FSL, NCT 330 FWL  
DEVON ENERGY PROD. CO., L.P.  
1-11-2013

MEMO

11/9/2012 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 605010

3/21/2013 - G75 - (640)(HOR) 15-18N-6E  
EST MSSP, WDFD, OTHERS  
POE TO BHL (MSSP) NCT 660' FB  
POE TO BHL (WDFD) NCT 330' FB  
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)