

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

API NUMBER: 083 24259

Approval Date: 02/07/2014

Expiration Date: 08/07/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 18N Rge: 2W

County: LOGAN

SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 430 1687

Lease Name: BRANSON 33_4-18N-2W

Well No: 1WHX

Well will be 430 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

RODNEY L AND DARLA K WISS
883 E. CO RD. 70
MULHALL OK 73063

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5382	6	
2	WOODFORD	5662	7	
3	MISENER-HUNTON	5742	8	
4			9	
5			10	

Spacing Orders: 619045

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400129
201400125
201400128
201400127

Special Orders:

Total Depth: 14000

Ground Elevation: 979

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 150

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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: CLOSED

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 14-26215

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: GARBER

HORIZONTAL HOLE 1

Sec 04 Twp 17N Rge 2W County LOGAN

Spot Location of End Point: S2 N2 N2 SE

Feet From: SOUTH 1/4 Section Line: 2000

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 5308

Radius of Turn: 358

Direction: 177

Total Length: 7617

Measured Total Depth: 14000

True Vertical Depth: 5742

End Point Location from Lease,
Unit, or Property Line: 1320

Additional Surface Owner	Address	City, State, Zip
CRAIG L AND JANEL M ARMSTRON	22103 ISET	PERRY, OK 73077
HAROLD L & SHARON K WEHR FAMI	1801 WEHR DRIVE	GUTHRIE, OK 73044

Notes:

Category

Description

DEEP SURFACE CASING

2/3/2014 - 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

2/3/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201400125

2/3/2014 - G30 - (640 HOR) 4-17N-2W
EXT 201307017 MSSP, WDFD, MSRH, OTHER
REC 2/7/14 (NORRIS)

PENDING CD - 201400127

2/3/2014 - G30 - 4-17N-2W
X201400125 MSSP, WDFD, MSRH
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 SL, NCT 330 TO EL
NO OP. NAMED
REC 2/7/14 (NORRIS)

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083 24259 BRANSON 33_4-18N-2W 1WHX

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Category	Description
PENDING CD - 201400128	2/3/2014 - G30 - 33-18N-2W X201307017 MSSP, WDFD, MSRH 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 2/7/14 (NORRIS)
PENDING CD - 201400129	2/3/2014 - G30 - 33-18N-2W & 4-17N-2W X201307017 MSSP, WDFD, MSRH 33-18N-2W X201400125 MSSP, WDFD, MSRH 4-17N-2W EST MULTI UNIT FOR HORIZONTAL WELL PER OCC 165:6-7-62 33-18N-2W (50%) 4-17N-2W (50%) NO OP. NAMED REC 2/7/14 (NORRIS)
SPACING - 619045	2/3/2014 - G30 - (640 HOR) 33-18N-2W EXT 616316 MSSP, WDFD, MSRH, OTHER POE TO BHL (MSSP, MSRH) NLT 660' FB, NCT 600' FWB POE TO BHL (WDFD) NLT 330' FB, NCT 600' FWB (SUPERSEDE SP. 74293/142021 MSSLM)