

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

API NUMBER: 017 24671

Approval Date: 01/02/2014  
Expiration Date: 07/02/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 13N Rge: 7W County: CANADIAN  
SPOT LOCATION:  SW  SW  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 303 1164

Lease Name: BOHLMAN Well No: 1H-34X Well will be 303 feet from nearest unit or lease boundary.  
Operator Name: NEWFIELD EXPLORATION MID-CON INC Telephone: 9188781290 OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC  
1 WILLIAMS CTR STE 1900  
TULSA, OK 74172-0162

VERLIN M. BOHLMAN  
475 192ND STREET NE  
OKARCHE OK 73762

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9108	6	
2	WOODFORD	9228	7	
3	HUNTON	9338	8	
4			9	
5			10	

Spacing Orders: 615614  
616051

Location Exception Orders: 616052  
616307

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 19889

Ground Elevation: 1257

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 310

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-26074

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 34 Twp 14N Rge 7W County CANADIAN

Spot Location of End Point: N2 NW NE NE

Feet From: NORTH 1/4 Section Line: 40

Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 9064

Radius of Turn: 740

Direction: 180

Total Length: 10230

Measured Total Depth: 19889

True Vertical Depth: 9970

End Point Location from Lease,  
Unit, or Property Line: 40

Notes:

Category

Description

DEEP SURFACE CASING

12/20/2013 - 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

LOCATION EXCEPTION - 616052

12/31/2013 - G30 - (I.O.) 3-13N-7W  
X615614 MSSP, WDFD, HNTN  
SHL NCT 200 FNL, NCT 660 FEL 10-13N-7W\*\*  
COMP. INT. NCT 0 FNL, NCT 165 FSL, NCT 660 FEL  
NEWFIELD EXPLORATION MID-CONTINENT INC.  
9/18/13

\*\*SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

LOCATION EXCEPTION - 616307

12/31/2013 - G30 - (I.O.) 34-14N-7W  
X615614 MSSP, WDFD, HNTN  
COMP. INT. NCT 0 FSL, NCT 165 FNL, NCT 660 FEL  
NEWFIELD EXPLORATION MID-CONTINENT INC.  
9/25/13

MEMO

12/20/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED, AND BURIED ON SITE; PIT 2 - OBM TO VENDOR

Category	Description
SPACING - 615614	<p>12/31/2013 - G30 - (640 HOR) 34-14N-7W &amp; 3-13N-7W  VAC 188016/340100 MSCST, HNTN (3-13N-7W)  VAC 139290 MSCMN (34-14N-7W)  VAC 139290 HNTN, MISS (N2 &amp; SW4 34-14N-7W)  VAC 197701 MISS, WDFD, (3-13N-7W)  EST MSSP, WDFD, HNTN  POE TO BHL (WDFD) NLT 165 FNL/FSL, NLT 330 FEL/FWL  POE TO BHL (MSSP, HNTN) NLT 660' FB  (COEXIST WITH SP. 139290 HNTN, MISS, WALLER 34-1, API 017-22085, SE4 34-14N-7W;  SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)</p>
SPACING - 616051	<p>12/31/2013 - G30 - (I.O.) 3-13N-7W &amp; 34-14N-7W  X615614 MSSP, WDFD, HNTN (3-13N-7W &amp; 34-14N-7W)  EST MULTIUNIT FOR HORIZONTAL WELL PER OCC 165:5-7-62  3-13N-7W (50%)  34-14N-7W (50%)  NEWFIELD EXPLORATION MID-CONTINENT INC.  9/18/13</p>

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