

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

API NUMBER: 137 27194

Approval Date: 04/01/2014
Expiration Date: 10/01/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: NE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 397 1139

Lease Name: **BOLES** Well No: **5H-14X** Well will be **397** 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

NEWFIELD EXPLORATION MID-CONT., INC.
ONE WILLIAMS CENTER, SUITE 1900
TULSA OK 74172

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

Name	Depth	Name	Depth
1 SYCAMORE	13988	6	
2 WOODFORD	14269	7	
3 HUNTON	14359	8	
4		9	
5		10	

Spacing Orders: 596733
603315

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201401850
201401851
201401808
201401809
201401849

Special Orders:

Total Depth: 22443

Ground Elevation: 1180

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 760

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: 14-26800

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 14 Twp 2N Rge 4W County STEPHENS

Spot Location of End Point: S2 S2 S2 NW

Feet From: NORTH 1/4 Section Line: 2525

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 14393

Radius of Turn: 740

Direction: 180

Total Length: 7580

Measured Total Depth: 22443

True Vertical Depth: 14359

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

Notes:

Category	Description
DEEP SURFACE CASING	4/1/2014 - 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	4/1/2014 - 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
PENDING CD - 201401808	4/1/2014 - G30 - 14-2N-4W X596733 WDFD 5 WELLS NO OP. NAMED REC 3/25/14 (JOHNSON)
PENDING CD - 201401809	4/1/2014 - G30 - (E.O.) 23-2N-4W X603315 WDFD 5 WELLS NO OP. NAMED REC 3/25/14 (JOHNSON)
PENDING CD - 201401849	4/1/2014 - G30 - 14 & 23-2N-4W X596733 SCMR, WDFD, HNTN 14-2N-4W X603315 SCMR, WDFD, HNTN 23-2N-4W EST MULTIUNIT FOR HORIZONTAL WELL PER OCC 165:5-7-6.2 14-2N-4W (32%) 23-2N-4W (68%) NO OP. NAMED REC 3/25/14 (JOHNSON)

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.

Category	Description
PENDING CD - 201401850	4/1/2014 - G30 - (E.O.) 14-2N-4W X596733 SCMR, WDFD, HNTN COMP. INT. NCT 0 FSL, NCT 2300 FNL, NCT 990 FWL NO OP. NAMED REC 3/25/14 (JOHNSON)
PENDING CD - 201401851	4/1/2014 - G30 - (E.O.) 23-2N-4W X603315 WCMR, WDFD, HNTN COMP. INT. NCT 0 FNL, NCT 165 FSL, NCT 990 FWL NO OP. NAMED REC 3/25/14 (JOHNSON)
SPACING - 596733	4/1/2014 - G30 - (640) 14-2N-4W DEL OTHER EST SCMR, WDFD, HNTN, OTHERS
SPACING - 603315	4/1/2014 - G30 - (640) 23-2N-4W EXT 601726 SCMR, WDFD, HNTN

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.