

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

API NUMBER: 137 27201

Approval Date: 04/24/2014
Expiration Date: 10/24/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 300 220

Lease Name: **BOLES** Well No: **6H-14X** Well will be **220** 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

WILLIAM MARK MCCLELLAND
ROUTE 2, BOX 39D
OLNEY TX 76374

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

| | Name | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | SYCAMORE | 14009 | 6 | |
| 2 | WOODFORD | 14166 | 7 | |
| 3 | HUNTON | 14387 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 596733 Location Exception Orders: 623554 Increased Density Orders: 623540
603315 623555 623541
623553

Pending CD Numbers:

Special Orders:

Total Depth: 21943 Ground Elevation: 1186 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 720

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: DUNCAN

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

PERMIT NO: 14-27033

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 14 Twp 2N Rge 4W County STEPHENS

Spot Location of End Point: S2 SW SW NW

Feet From: NORTH 1/4 Section Line: 2525

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 13973

Radius of Turn: 740

Direction: 180

Total Length: 7500

Measured Total Depth: 21943

True Vertical Depth: 14387

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

4/24/2014 - 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

INCREASED DENSITY - 623540

4/24/2014 - G72 - 14-2N-4W E.O. X 596733 WDFD;
5 WELLS INC. BOLES 6H-14X;
NEWFIELD EXPLORATION MID-CON INC.
4/3/2014

INCREASED DENSITY - 623541

4/24/2014 - G72 - 23-2N-4W E.O. X 603315 WDFD;
5 WELLS BOLES 6H-14X;
NEWFIELD EXPLORATION MID-CONT. INC;
4/3/2014

LOCATION EXCEPTION - 623554

4/24/2014 - G72 - 14-2N-4W E.O. X 596733 SCMR, WDFD, HNTN;
BOLES 6H-14X;
COMP INT. NCT 2300 FNL NCT 0 FSL NCT 330 FWL;
NEWFIELD EXPLORATION MID-CON INC.
4/?/2014

LOCATION EXCEPTION - 623555

4/24/2014 - G72 - 23-2N-4W E.O.X 603315 SCMR, WDFD, HNTN;
BOLES 6H-14X;
COMP INT. NCT 0 FNL NCT 165 FSL NCT 330 FWL;
NEWFIELD EXPLORATION MID-CONT. INC;
4/?/2014

MEMO

4/24/2014 - 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

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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 |
|--------------------|--|
| MULTIUNIT - 623553 | 4/24/2014 - G72 - 14 & 23-2N-4W E.O. X 596733 & 603315, SCMR, WDFD, HNTN; SEC 14 32%; SEC 23 68%; BOLES 6H-14X; NEWFIELD EXPLORATION MID-CON INC; 4/3/2014 |
| SPACING - 596733 | 4/24/2014 - G72 - (640) 14-2N-4W EST SCMR, WDFD, HUTN, OTHERS; DEL OTHERS; |
| SPACING - 603315 | 4/24/2014 - G72 - (640) 23-2N-4W EXT 601726 SCMR, WDFD, HNTN, OTHERS; |

This permit does not address the right of entry or settlement of surface damages.
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