

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

API NUMBER: 137 27152

Approval Date: 01/08/2014
Expiration Date: 07/08/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 1000

Lease Name: YANDELL Well No: 6H-27 Well will be 250 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
RT. 2 BOX 39D
OLNEY TX 76374

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

Name	Depth	Name	Depth
1 WOODFORD	14490	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 604476

Location Exception Orders:

Increased Density Orders: 619256

Pending CD Numbers: 201307271

Special Orders:

Total Depth: 19979

Ground Elevation: 1217

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 710

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: 13-26061

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 27 Twp 2N Rge 4W County STEPHENS

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 40

Feet From: EAST 1/4 Section Line: 420

Depth of Deviation: 14434

Radius of Turn: 740

Direction: 180

Total Length: 4950

Measured Total Depth: 19979

True Vertical Depth: 14740

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

INCREASED DENSITY - 619256

12/30/2013 - G30 - 27-2N-4W
X604476 WDFD
5 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
12/16/13

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

PENDING CD - 201307271

12/30/2013 - G30 - 27-2N-4W
X604473 WDFD
SHL NCT 200 FNL, NCT 1320 FWL**
1ST PERF NCT 165 FNL, NCT 1320 FWL**
LAST PERF NCT 165 FXL, NCT 1320 FWL**
NO OP. NAMED
REC 11/12/13 (JOHNSON)

**AMENDED APPLICATION FILED - SHL NCT 200 FSL, NCT 990 FEL 22-2N-4W, COMPLETION INTERVAL NCT 330 FEL, EMERGENCY HEARING FOR AMENDED LE SCHEDULED 1/13/14

SPACING - 604476

12/30/2013 - G30 - (640) 27-2N-4W
VAC OTHERS
EXT 602383 WDFD, OTHERS

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