

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

API NUMBER: 049 24941

Approval Date: 03/29/2013
Expiration Date: 09/29/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 3N Rge: 4W County: GARVIN
SPOT LOCATION: NW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 315 500

Lease Name: SUBLETTE Well No: 1H-22 Well will be 315 feet from nearest unit or lease boundary.
Operator Name: NEWFIELD EXPL MIDCONTINENT INC Telephone: 9188781290 OTC/OCC Number: 20944 0

NEWFIELD EXPL MIDCONTINENT INC
1 WILLIAMS CTR STE 1900
TULSA, OK 74172-0162

SHARON MAE SUBLETTE, MANAGING MEMBER OF DEER
TRACK INVESTMENTS, LLC
914 W. CHEROKEE STREET
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	13063	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 606602

Location Exception Orders: 609069

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18949

Ground Elevation: 1127

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 350

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 BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-22962

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 22 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 440

Depth of Deviation: 13049

Radius of Turn: 740

Direction: 180

Total Length: 5430

Measured Total Depth: 18949

True Vertical Depth: 13789

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

3/28/2013 - 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 - 609069

3/29/2013 - G30 - (I.O.) 22-3N-4W
X606602 WDFD
SHL NCT 200 FNL, NCT 330 FEL 27-3N-4W
1ST PERF NCT 165 FSL, NCT 330 FEL 22-3N-4W
LAST PERF NCT 165 FNL, NCT 330 FEL 22-3N-4W
NEWFIELD EXPLORATION MID-CONTINENT INC.
3/15/13

MEMO

3/28/2013 - 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

SPACING - 606602

3/29/2013 - G30 - (640 HOR) 22-3N-4W
VAC 398565 WDFD
EST WDFD
POE TO BHL: NCT 330' FB

WATERSHED STRUCTURE

3/28/2013 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING

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