

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

API NUMBER: 017 24686

Approval Date: 06/23/2014

Expiration Date: 12/23/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 14N Rge: 7W County: CANADIAN
SPOT LOCATION: NE SW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 920 500

Lease Name: WITTROCK Well No: 1H-25X Well will be 500 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

DOUG & JOHN WITTROCK, WITTROCK LAND & CATTLE, LLC
P. O. BOX 4
OKARCHE OK 73762

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6836	6	
2 WOODFORD	7314	7	
3		8	
4		9	
5		10	

Spacing Orders: 625986
626676

Location Exception Orders: 626678
626677

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18400

Ground Elevation: 1145

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 110

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: 14-27365

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: 150000

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 25 Twp 15N Rge 7W County KINGFISHER

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 440

Depth of Deviation: 7923

Radius of Turn: 740

Direction: 180

Total Length: 10007

Measured Total Depth: 18400

True Vertical Depth: 7925

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

Notes:

Category	Description
DEEP SURFACE CASING	6/4/2014 - 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
LOCATION EXCEPTION - 626677	6/20/2014 - G72 - 25-15N-07W (I.O.) X 625986 MSSP, WDFD; COMP INT. NCT 165 FNL NCT 0 FSL NCT 330 FWL; NEWFIELD EXPLORATION MID-CONTINENT INC; 6/13/2014
LOCATION EXCEPTION - 626678	6/20/2014 - G72 - 36-15N-07W (I.O.) X 625986 MSSP, WDFD; COMP INT. NCT 0 FNL NCT 165 FSL NCT 330 FWL; NEWFIELD EXPLORATION MID-CONTINENT INC; 6/13/2014
MEMO	6/4/2014 - 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
MULTIUNIT -626676	6/20/2014 - G72 - (MULTI) 25 & 36-15N-07W X 625986 MSSP, WDFD; SEC 25 50%/SEC 36 50%; NEWFIELD EXPLORATION MID-CONTINENT INC. 6/13/2014
SPACING - 625986	6/20/2014 - G72 - (640 HORZ) 25 & 36-15N-07W EXT 604466 MSSP, WDFD; VAC 172847 MSSLM SEC 25; VAC 197312 & 185869/532133 MCSTR SEC 36; VAC 184781 MISS SEC 36;

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