

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

API NUMBER: 087 22139

Approval Date: 05/23/2018

Expiration Date: 11/23/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 7N Rge: 4W

County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 390 1070

Lease Name: WOOD

Well No: 0704 1H-14X

Well will be 390 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2816742521; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC  
24 WATERWAY AVE STE 900  
THE WOODLANDS, TX 77380-2764

RICHARD P. & GAIL WOOD  
14674 240TH STREET  
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9893	6	
2	WOODFORD	9956	7	
3			8	
4			9	
5			10	

Spacing Orders: 671048  
673196

Location Exception Orders: 673288

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 20242

Ground Elevation: 1190

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

Type of Mud System: AIR

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

PERMIT NO: 18-34282

H. SEE MEMO

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

PIT 3 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 14 Twp 7N Rge 4W County MCCLAIN

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1900

Depth of Deviation: 9275

Radius of Turn: 382

Direction: 357

Total Length: 10366

Measured Total Depth: 20242

True Vertical Depth: 10060

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

4/18/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

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.

087 22139 WOOD 0704 1H-14X

Category	Description
HYDRAULIC FRACTURING	<p>4/18/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 673288	<p>5/14/2018 - G57 - (I.O.) 23 &amp; 14-7N-4W  X671048 MSSP, WDFD  COMPL. INT. (23-7N-4W) NCT 165' FSL, NCT 0' FNL, NCT 1500' FEL  COMPL. INT. (14-7N-4W) NCT 0' FSL, NCT 165' FNL, NCT 1500' FEL  NEWFIELD EXPLORATION MID-CONTINENT INC.  2-7-2018</p>
MEMO	<p>4/18/2018 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS &amp; OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM WILL BE SOIL FARMED, WBM &amp; OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 3 - OBM TO VENDOR</p>
SPACING - 671048	<p>4/18/2018 - G57 - (640)(HOR) 14 &amp; 23-7N-4W  EXT 664084 MSSP, WDFD  POE TO BHL NCT 660' FB  POE TO BHL NCT 165' FNL &amp; FSL, NCT 330' FEL &amp; FWL</p>
SPACING - 673196	<p>5/14/2018 - G57 - (I.O.) 23 &amp; 14-7N-4W  EST MULTIUNIT HORIZONTAL WELL  X671048 MSSP, WDFD  (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO THE MSSP)  50% 23-7N-4W  50% 14-7N-4W  NEWFIELD EXPLORATION MID-CONTINENT INC.  2-6-2018</p>

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.

API: 087 22139

**PERMIT PLAT**

M &amp; M Land Surveying, Inc.

Phone (580) 226-0446

520 E Street N.W.

Ardmore, OK 73401

N:638739.69

E:2125049.05

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**Lease Name: **WOOD 0704 1H 14X**

Section 26 Township 7 N Range 4 W, I.B.M.

County of McClain, State of Oklahoma

Elevation 1190' GROUND Good Location? YES

Original Location: 390'FNL - 1070'FEL

Distance &amp; Direction From Nearest Town: 6.9 miles Southeast of Blanchard

**SURFACE LOCATION**

DATUM: NAD27

LAT: 35° 03' 27.53"N

LONG: 97° 35' 08.37"W

LAT: 35.057647°N

LONG: 97.585659°W

STATE PLANE

COORDINATES: (US

SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 627763.01

X (E): 2124007.5

DATUM: NAD83

LAT: 35° 03' 27.78"N

LONG: 97° 35' 09.50"W

LAT: 35.057716°N

LONG: 97.585971°W

STATE PLANE

COORDINATES: (US

SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 627805.49

X (E): 2092411.03

DATA DERIVED FROM

G.P.S. WITH O.P.U.S.

DATA.

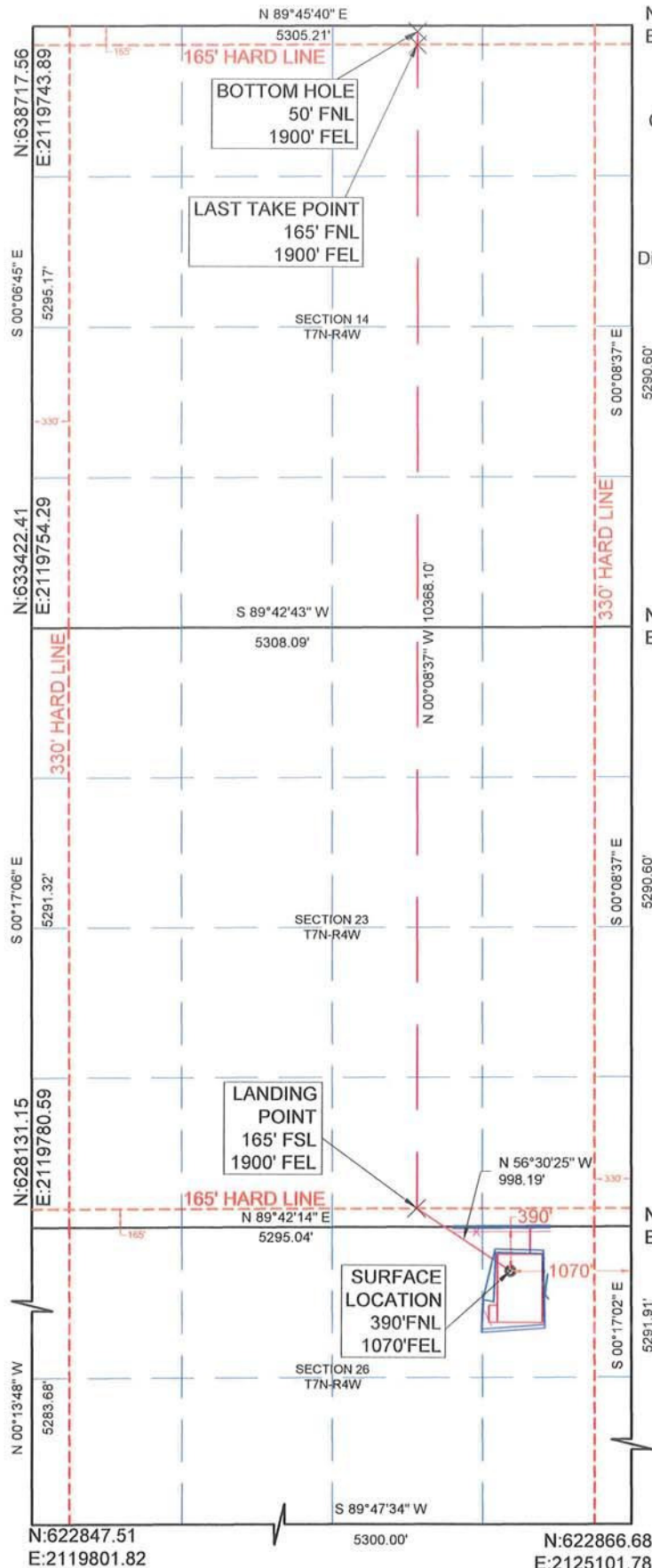
This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy.

**CERTIFICATE:**

I D. Harry McClintick a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.



D. Harry McClintick  
PLS. No.1367 CFEDS



SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2017 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
18010	STAKING DATE: 02/02/2018
SHEET: 6 OF 10	DRAWING DATE: 03/08/2018