

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

API NUMBER: 073 26120

Approval Date: 06/20/2018

Expiration Date: 12/20/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 16N Rge: 8W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 231 2345

Lease Name: NEWER

Well No: 1608 3H-26X

Well will be 231 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

ROBERT WILLIAMS
CONSTANCE KING FREEMAN REV. TRUST
329 A. STREET SE
WASHINGTON DC 20003

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

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

Spacing Orders: 666676
634324
642188
630449

Location Exception Orders: 666742
668358

Increased Density Orders: 674765
667048

Pending CD Numbers:

Special Orders:

Total Depth: 18973

Ground Elevation: 1075

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 200

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

H. SEE MEMO

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

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

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: CEDAR HILLS

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: CEDAR HILLS

HORIZONTAL HOLE 1

Sec 35 Twp 16N Rge 8W County KINGFISHER

Spot Location of End Point: S2 S2 S2 SE

Feet From: SOUTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 8050

Radius of Turn: 382

Direction: 170

Total Length: 10322

Measured Total Depth: 18973

True Vertical Depth: 8900

End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Category

Description

DEEP SURFACE CASING

6/13/2018 - 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

HYDRAULIC FRACTURING

6/13/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

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: FRACFOCUS.ORG

INCREASED DENSITY - 667048

6/19/2018 - G57 - 35-16N-8W
X630449 MSSP
5 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
8-16-2017

INCREASED DENSITY - 674765

6/19/2018 - G57 - 26-16N-8W
X634324/642188 MSSP
5 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
3-16-2018

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.

073 26120 NEWER 1608 3H-26X

Category	Description
INTERMEDIATE CASING	6/13/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 666742	6/19/2018 - G57 - (I.O.) 26 & 35-16N-8W X634324/642188 MSSP 26-16N-8W X630449 MSSP 35-16N-8W COMPL. INT. (26-16N-8W) NCT 165' FNL, NCT 0' FSL, NCT 1980' FWL COMPL. INT. (35-16N-8W) NCT 0' FNL, NCT 165' FSL, NCT 1980' FWL NEWFIELD EXPLORATION MID-CONTINENT INC. 8-7-2017
LOCATION EXCEPTION - 668358	6/19/2018 - G57 - (I.O.) 26 & 35-16N-8W X165:10-3-28(C)(2)(B) MSSP (NEWER 1608 3H-26X) MAY BE CLOSER THAN 600' FROM ANOTHER WELLBORE NEWFIELD EXPLORATION MID-CONTINENT INC. 9-21-2017
MEMO	6/13/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS & TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO; PIT 2 - OBM TO VENDOR
SPACING - 630449	6/19/2018 - G57 - (640)(HOR) 35-16N-8W VAC 179311 CSTR VAC 179311 MNNG NW4, SE4 VAC 179311 MSSLM N2, SE4 VAC OTHER EXT OTHERS EST MSSP POE TO BHL NLT 660' FB (COEXIST WITH SP. 179311 MNNG NE4, SW4, MSSLM SW4)
SPACING - 634324	6/19/2018 - G57 - (640)(HOR) 26-16N-8W EXT 626748 MSSP EXT OTHERS POE TO BHL NLT 330' FB (COEXIST WITH SP. ORDER #41819 MSNCL)
SPACING - 642188	6/19/2018 - G57 - NPT 634324 TO SHOW THE MSSP SHALL BE LOCATED NLT 660' FB
SPACING - 666676	6/19/2018 - G57 - (I.O.) 26 & 35-16N-8W EST MULTIUNIT HORIZONTAL WELL EXT 634324/642188 MSSP 26-16N-8W EXT 630449 MSSP 35-16N-8W 50% 26-16N-8W 50% 35-16N-8W NEWFIELD EXPLORATION MID-CONTINENT INC. 8-4-2017

PERMIT PLAT

M & M Land Surveying, Inc.
Phone (580) 226-0446
520 E Street N.W.
Ardmore, OK 73401

API: 073 26120

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: **NEWER 1608 3H 26X**

Section 26 Township 16 N Range 8 W , I.B.M., County of Kingfisher, State of Oklahoma

Elevation Good Location?

Original Location: 231'FNL - 2345'FWL 1075' GROUND YES

Distance & Direction From Nearest Town: 5.2 miles West of Kingfisher

SURFACE LOCATION

DATUM: NAD27

LAT: 35° 50' 27.25"N

LONG: 98° 01' 20.18"W

LAT: 35.840902°N

LONG: 98.022273°W

STATE PLANE

COORDINATES: (US

SURVEY FEET)

ZONE: NORTH ZONE

Y (N): 306095.28

X (E): 1993398.32

DATUM: NAD83

LAT: 35° 50' 27.40"N

LONG: 98° 01' 21.38"W

LAT: 35.840945°N

LONG: 98.022607°W

STATE PLANE

COORDINATES: (US

SURVEY FEET)

ZONE: NORTH ZONE

Y (N): 306119.03

X (E): 1961799.58

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:

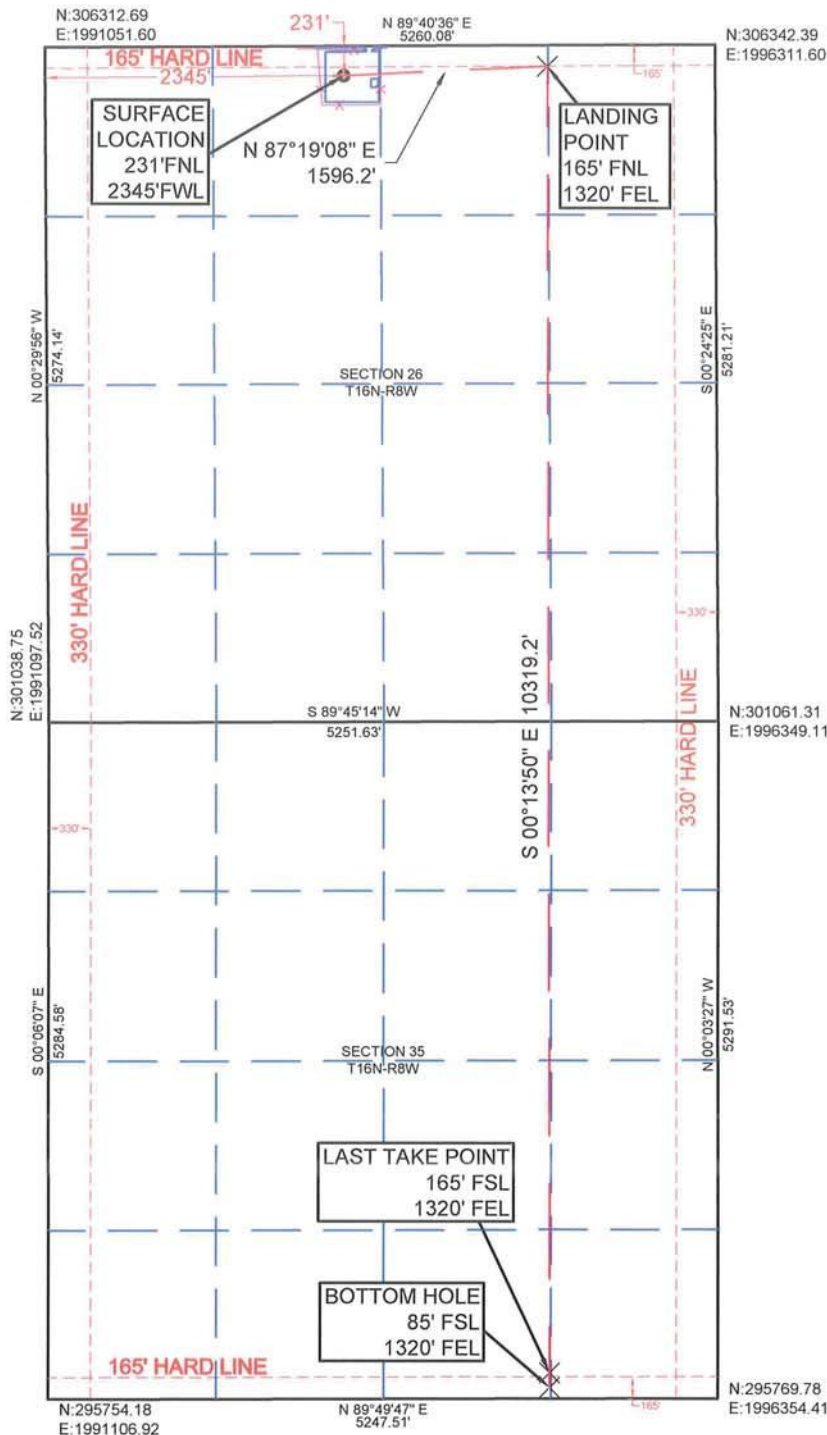
I D. Harry McClintick a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted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



D. Harry McClintick
D. Harry McClintick
PLS. No. 1367 CFEDS



SCALE 1" = 1500'



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)
18227	STAKING DATE: 05/30/2018
SHEET: 6 OF 10	DRAWING DATE: 06/04/2018