

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

API NUMBER: 011 24115

Approval Date: 11/05/2018
Expiration Date: 05/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 16N Rge: 11W County: BLAINE
SPOT LOCATION: SE SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 1585

Lease Name: HOILE FED 1611 Well No: 2H-25X Well will be 250 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 WILLIAM HOILE
260695 E. 850 RD.
WATONGA OK 73772

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10654	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 663456 Location Exception Orders: 684435 Increased Density Orders: 682021
683351 682020

Pending CD Numbers: 201802731

Special Orders:

Total Depth: 20919 Ground Elevation: 1545 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: Yes 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35536

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

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 25 Twp 16N Rge 11W County BLAINE

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 1671

Depth of Deviation: 10029

Radius of Turn: 382

Direction: 359

Total Length: 10290

Measured Total Depth: 20919

True Vertical Depth: 10654

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

Notes:

Category

Description

DEEP SURFACE CASING

10/29/2018 - GA8 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

EXCEPTION TO RULE - 683351

10/31/2018 - G75 - (I.O.) 36 & 25-16N-11W
X165:10-3-28(C)(2)(B) MSSP (HOILE 1611 2H-25X) **
MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS
NEWFIELD EXPLOR. MID-CONT. INC.
9-20-2018

** S/B HOILE FED 1611 2H-25X; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR

HYDRAULIC FRACTURING

10/29/2018 - GA8 - 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

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.

011 24115 HOILE FED 1611 2H-25X

Category	Description
INCREASED DENSITY - 682020	10/31/2018 - G75 - 25-16N-11W X663456 MSSP 6 WELLS NEWFIELD EXPLOR. MID-CONT. INC. 8-24-2018
INCREASED DENSITY - 682021	10/31/2018 - G75 - 36-16N-11W X663456 MSSP 6 WELLS NEWFIELD EXPLOR. MID-CONT. INC. 8-24-2018
INTERMEDIATE CASING	10/29/2018 - GA8 - 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 - 684435	10/31/2018 - G75 - (I.O.) 36 & 25-16N-11W X663456 MSSP, OTHER SHL (36-16N-11W) SE4 COMPL. INT. (36-16N-11W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (25-16N-11W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FEL NEWFIELD EXPLOR. MID-CONT. INC. 10-5-2018
MEMO	10/29/2018 - GA8 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL-FARMED; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO R360 (ORDER #587498)
PENDING CD - 201802731	10/31/2018 - G75 - (I.O.) 36 & 25-16N-11W EST MULTIUNIT HORIZONTAL WELL X663456 MSSP, OTHER 50% 36-16N-11W 50% 25-16N-11W NO OP. NAMED REC 7-20-2018 (MINMIER)
SPACING - 663456	10/31/2018 - G75 - (640)(HOR) 36 & 25-16N-11W EXT 640263 MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 458008 CSTR, MISS 36-16N-11W)

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.

PERMIT PLAT

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

API 011-24115

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

Lease Name: **HOILE FED 1611 2H-25X**

Section 36 Township 16 N Range 11 W , I.B.M. County of Blaine, State of Oklahoma

Elevation Good Location?

Original Location: 250'FSL - 1585'FEL 1545' GROUND YES

Distance & Direction From Nearest Town: 5.9 miles Southeast of Watonga

SURFACE LOCATION

DATUM: NAD27
 LAT: 35° 48' 46.03"N
 LONG: 98° 19' 05.29"W
 LAT: 35.812787°N
 LONG: 98.318137°W
 STATE PLANE
 COORDINATES: (US SURVEY FEET)
 ZONE: NORTH ZONE
 Y (N): 296014.93
 X (E): 1905670.64

DATUM: NAD83
 LAT: 35° 48' 46.19"N
 LONG: 98° 19' 06.54"W
 LAT: 35.812830°N
 LONG: 98.318482°W
 STATE PLANE
 COORDINATES: (US SURVEY FEET)
 ZONE: NORTH ZONE
 Y (N): 296038.86
 X (E): 1874070.49

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.

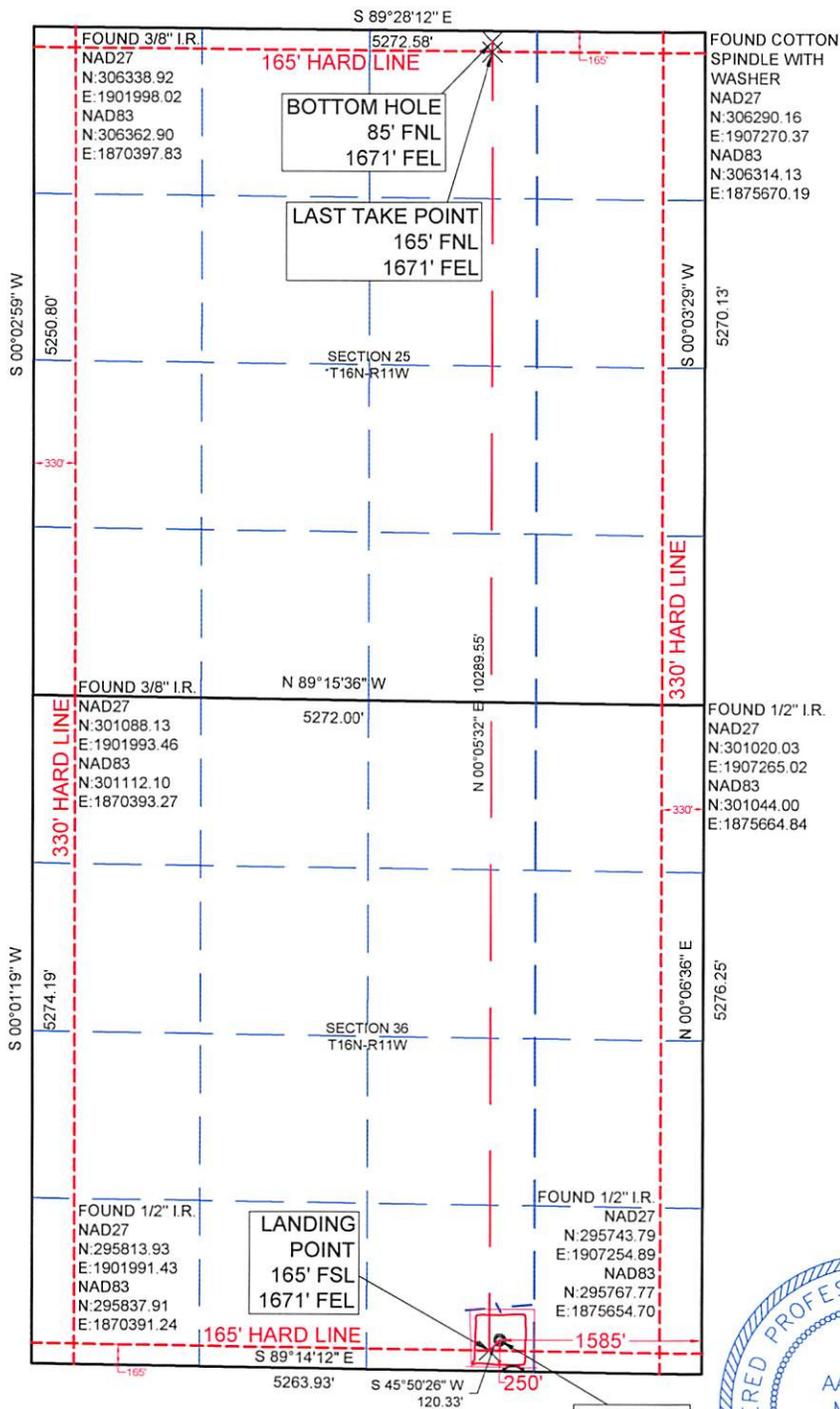
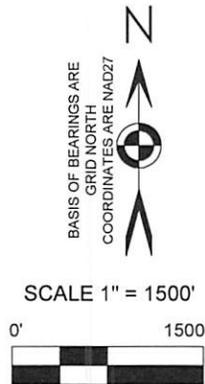
CERTIFICATE:

I Aaron Morris 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.



Aaron L. Morris 06/12/2018

Aaron L. Morris R.P.L.S. No.1477
 Bennett-Morris & Associates
 Land Surveying P.C. ~ C.A. No. 5795 (LS)
 Phone (580) 226-5108
 Fax (888) 662-7778
 1010 Northwest Boulevard
 Ardmore, OK 73401



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: 18230	SITE VISIT: (Explanation and Date)
SHEET: 6 OF 12	STAKING DATE: 05/31/2018
	DRAWING DATE: 06/07/2018