

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

API NUMBER: 087 22216

Approval Date: 01/30/2019

Expiration Date: 07/30/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 8N Rge: 4W County: MCCLAIN

SPOT LOCATION: W2 SE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 990 1695

Lease Name: FOSTER

Well No: 8-4-29-20-1H

Well will be 990 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

TERESA J. FOSTER  
813 S. ROCKWELL AVENUE  
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	10081	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 634434  
674222  
684878

Location Exception Orders: 684879

Increased Density Orders: 680379

Pending CD Numbers:

Special Orders:

Total Depth: 21430

Ground Elevation: 1230

**Surface Casing: 750**

Depth to base of Treatable Water-Bearing FM: 480

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

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36126

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 20 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 350

Depth of Deviation: 9890

Radius of Turn: 750

Direction: 5

Total Length: 10362

Measured Total Depth: 21430

True Vertical Depth: 10081

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

Notes:

Category

Description

DEEP SURFACE CASING

1/30/2019 - GA8 - 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

1/22/2019 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 680379

1/29/2019 - GA8 - 29-8N-4W  
X634434 WDFD  
1 WELL  
NEWFIELD EXPLORATION MID-CONTINENT INC.  
7/19/2018

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.

087 22216 FOSTER 8-4-29-20-1H

Category	Description
LOCATION EXCEPTION - 684879	<p>1/28/2019 - GA8 - (I.O.) 29 &amp; 20-8N-4W  X634434 WDFD, OTHERS 29-8N-4W  X674222 WDFD, OTHERS 20-8N-4W  SHL (29-8N-4W) SE4 **  COMPL. INT. (29-8N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL  COMPL. INT. (20-8N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL  NEWFIELD EXPLORATION MID-CON INC.  10/12/2018</p> <p>** ITD HAS SHL AS 990' FNL, 1695' FEL 32-8N-4W; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR</p>
MEMO	<p>1/22/2019 - G71 - PIT 1 &amp; 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST; WBM TO BE SOIL FARMED, WBM &amp; OBM CUTTINGS CAPTURED IN STEEL HALF PITS &amp; TRANSFERRED TO R360 (ORDER #587498) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR</p>
SPACING - 634434	<p>1/28/2019 - GA8 - (640)(HOR) 29-8N-4W  EST WDFD, OTHERS  COMPL. INT. NLT 330' FB</p>
SPACING - 674222	<p>1/28/2019 - GA8 - (640)(HOR) 20-8N-4W  VAC OTHERS  EXT 634434 WDFD, OTHERS  POE TO BHL NCT 165' FNL &amp; FSL, NCT 330' FEL &amp; FWL</p>
SPACING - 684878	<p>1/28/2019 - GA8 - (I.O.) 29 &amp; 20-8N-4W  EST MULTIUNIT HORIZONTAL WELL  X634434 WDFD, OTHERS 29-8N-4W  X674222 WDFD, OTHERS 20-8N-4W  50% 29-8N-4W  50% 20-8N-4W  NEWFIELD EXPLOR. MID-CONT. INC.  10/12/2018</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.

## PERMIT PLAT

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

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.

Lease Name: FOSTER 8-4-29-20-1H

Section 32 Township 8 N Range 4 W , I.B.M.

County of McClain, State of Oklahoma

Good Location? YES

Original Location: 990'FNL - 1695'FEL Elevation 1230' GROUND

Distance & Direction From Nearest Town: 1.2 miles Southeast of Blanchard

### SURFACE LOCATION

DATUM: NAD27

LAT: 35° 07' 42.95"N

LONG: 97° 38' 26.66"W

LAT: 35.128598°N

LONG: 97.640739°W

STATE PLANE

COORDINATES: (US  
SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 653523.19

X (E): 2107430.74

DATUM: NAD83

LAT: 35° 07' 43.19"N

LONG: 97° 38' 27.79"W

LAT: 35.128665°N

LONG: 97.641054°W

STATE PLANE

COORDINATES: (US  
SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 653565.75

X (E): 2075833.93

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.

*LL.* 06/26/2018

Aaron L. Morris R.P.L.S. No.1477

Bennett-Morris &amp; Associates

Land Surveying P.C. ~ C.A. No.

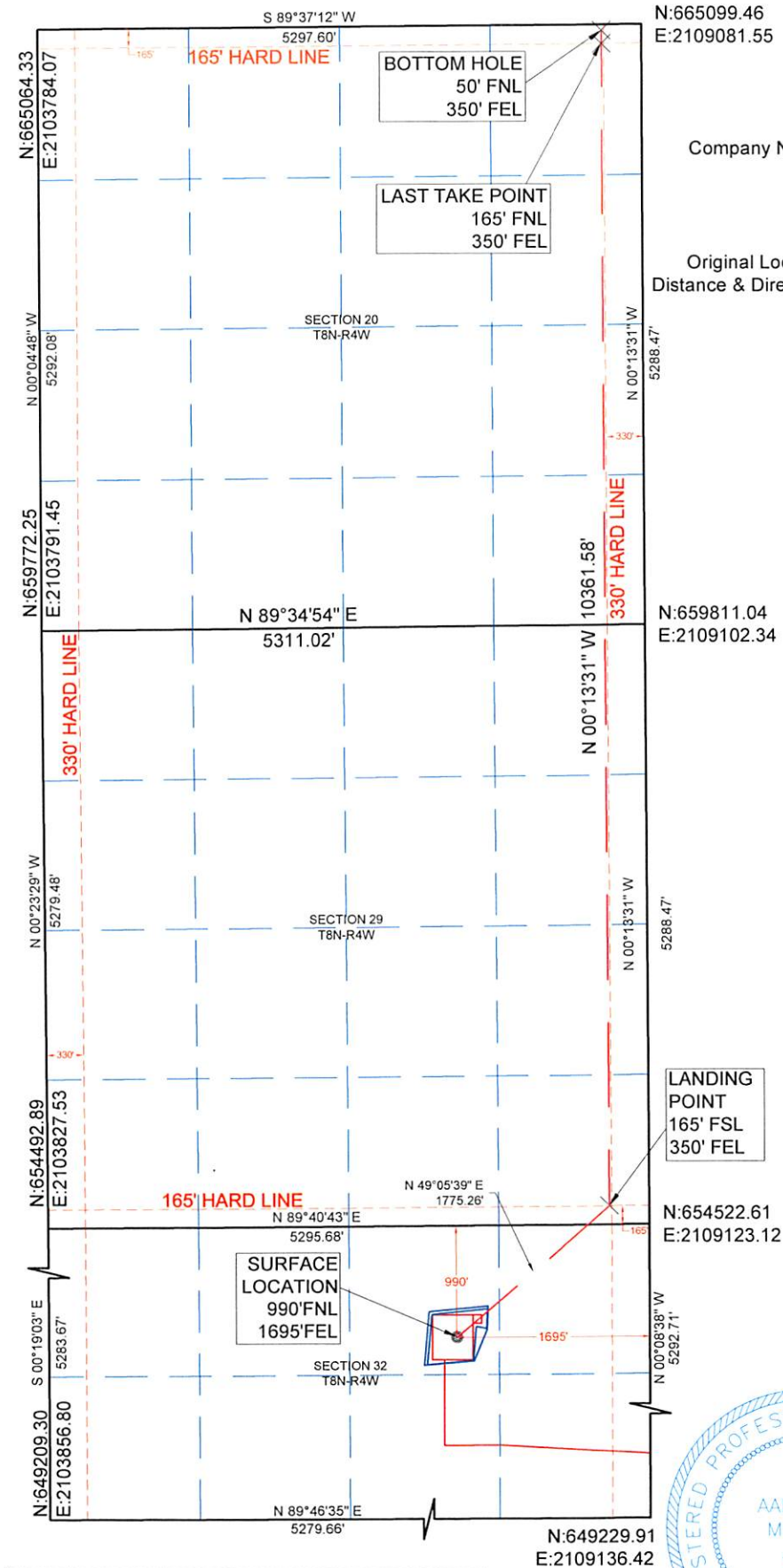
5795 (LS)

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:	SITE VISIT: (Explanation and Date)
18193	STAKING DATE: 05/02/2018
SHEET: 6 OF 10	DRAWING DATE: 06/25/2018