

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

API NUMBER: 087 22275

Approval Date: 11/20/2019

Expiration Date: 05/20/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 8N Rge: 4W County: MCCLAIN

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 1130

Lease Name: LARRY Well No: 0804 4H-22X Well will be 300 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2812105100; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC
4 WATERWAY AVE STE 100
THE WOODLANDS, TX 77380-2764

DOROTHY M BRIDWELL REVOCABLE TRUST, DOROTHY
BRIDWELL
4615 NE 40TH STREET
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9337	6	
2	WOODFORD	9413	7	
3			8	
4			9	
5			10	

Spacing Orders: 665488	Location Exception Orders: 685504	Increased Density Orders: 683388
685503	705003	683389
705002		

Pending CD Numbers:

Special Orders:

Total Depth: 19769 Ground Elevation: 1213 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 370

Deep surface casing has been approved

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37085

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 18 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 27 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 9005

Radius of Turn: 486

Direction: 177

Total Length: 10000

Measured Total Depth: 19769

True Vertical Depth: 9570

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

Notes:

Category

Description

DEEP SURFACE CASING

11/7/2019 - 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

11/7/2019 - 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; 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 - 683388

11/20/2019 - GC2 - 22-8N-4W
X665488 WDFD
7 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC
9-20-2018

INCREASED DENSITY - 683389

11/20/2019 - GC2 - 27-8N-4W
X665488 WDFD
7 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC
9-20-2018

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

The duration of this permit is 18 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 22275 LARRY 0804 4H-22X

LOCATION EXCEPTION - 685504	11/20/2019 - GC2 - (I.O.) 22 & 27-8N-4W X665488 MSSP, WDFD COMPL. INT. (27-8N-4W) NCT 165' FSL, NCT 1,320' FWL, NCT 0' FNL COMPL. INT. (22-8N-4W) NCT 0' FSL, NCT 1,320' FWL, NCT 165' FNL NEWFIELD EXPLORATION MID-CONTINENT INC 10-25-2018
LOCATION EXCEPTION - 705003	11/20/2019 - GC2 - EXT OF TIME FOR ORDER 685504 UNTIL 10-25-2020.
MEMO	11/7/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS (REQUIRED - BRIDGE CREEK), WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM/CUTTINGS WILL BE SOIL FARMED, OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
SPACING - 665488	11/20/2019 - GC2 - (640)(HOR) 22 & 27-8N-4W EXT 663347 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST SP ORDER 84785 HNTN, SP ORDER 187081 HNTN)
SPACING - 685503	11/20/2019 - GC2 - (I.O.) 22 & 27-8N-4W EST MULTIUNIT HORIZONTAL WELL X665488 MSSP, WDFD (MSSP ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 22-8N-4W 50% 27-8N-4W NEWFIELD EXPLORATION MID-CONTINENT INC 10-25-2018
SPACING - 705002	11/20/2019 - GC2 - EXT OF TIME FOR ORDER 685503 UNTIL 10-25-2020.

PERMIT PLAT

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

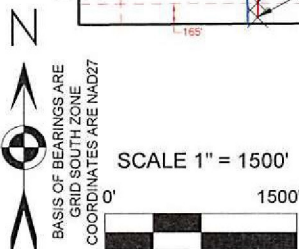
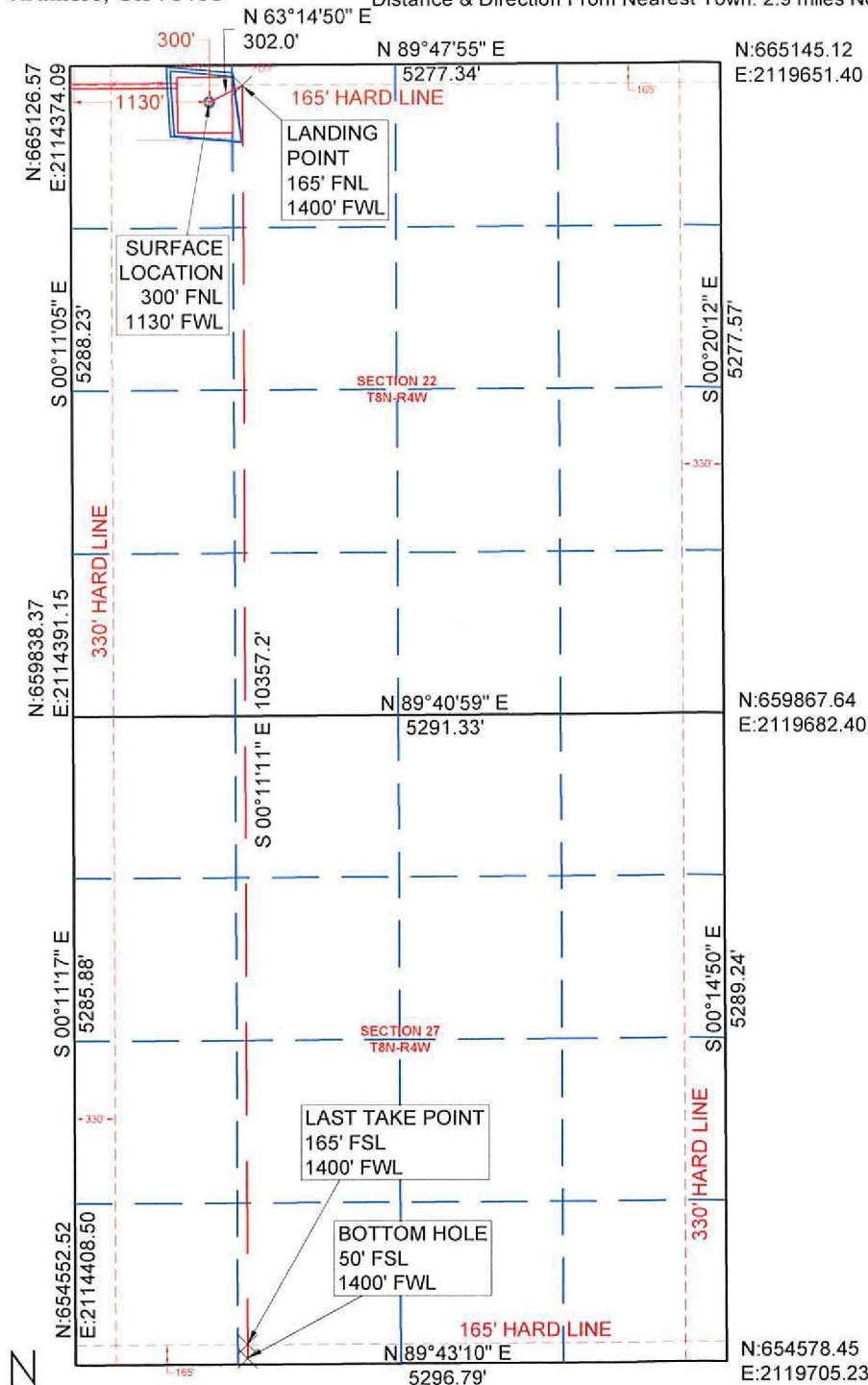
Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**Lease Name: **LARRY 0804 4H-22X**

Section 22 Township 8 N Range 4 W, I.B.M., County of McClain, State of Oklahoma

Elevation Good Location?

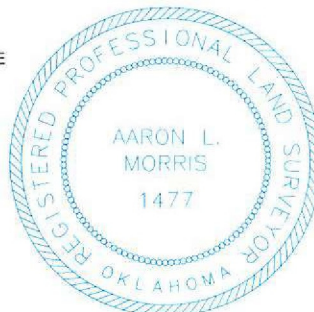
Original Location: 300'FNL - 1130'FWL 1213' GROUND YES

Distance & Direction From Nearest Town: 2.9 miles Northeast of Blanchard



COORDINATES ARE AS SHOWN ARE
DERIVED FROM OPUS SOLUTION.
PROJECTION: OKLAHOMA SOUTH
ZONE, LAMBERT CONFORMAL
HORIZONTAL: NAD27
VERTICAL: NAVD88
GEOID MODEL: GEOID 99
UNITS: US SURVEY FEET

SURVEY BY:	M & M Land Surveying, Inc. - C.A. No. 3093 (LS)
DRAWING BY:	Bennett-Morris And Associates Land Surveying, P.C.
© COPYRIGHT 2019	C.A. No. 5975 (LS) - Aaron L. Morris, RPLS
PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
19299	STAKING DATE: 09/11/2019
SHEET: 6 OF 9	DRAWING DATE: 10/22/2019

**SURFACE LOCATION**

DATUM: NAD27

LAT: 35° 09' 34.50"N

LONG: 97° 36' 48.94"W

LAT: 35.159583°N

LONG: 97.613593°W

Y (N): 664830.55

X (E): 2115505

DATUM: NAD83

LAT: 35° 09' 34.74"N

LONG: 97° 36' 50.07"W

LAT: 35.159649°N

LONG: 97.613908°W

Y (N): 664873.25

X (E): 2083908.14

LANDING POINT

DATUM: NAD27

LAT: 35° 09' 35.83"N

LONG: 97° 36' 45.68"W

LAT: 35.159953°N

LONG: 97.612689°W

Y (N): 664966.44

X (E): 2115774.67

DATUM: NAD83

LAT: 35° 09' 36.07"N

LONG: 97° 36' 46.81"W

LAT: 35.160019°N

LONG: 97.613004°W

Y (N): 665009.15

X (E): 2084177.82

LAST TAKE POINT

DATUM: NAD27

LAT: 35° 07' 54.53"N

LONG: 97° 36' 45.75"W

LAT: 35.131813°N

LONG: 97.612710°W

Y (N): 654724.4

X (E): 2115807.92

DATUM: NAD83

LAT: 35° 07' 54.77"N

LONG: 97° 36' 46.89"W

LAT: 35.131880°N

LONG: 97.613024°W

Y (N): 654767.03

X (E): 2084211.15

BOTTOM HOLE

DATUM: NAD27

LAT: 35° 07' 53.39"N

LONG: 97° 36' 45.76"W

LAT: 35.131497°N

LONG: 97.612710°W

Y (N): 654609.4

X (E): 2115808.28

DATUM: NAD83

LAT: 35° 07' 53.63"N

LONG: 97° 36' 46.89"W

LAT: 35.131564°N

LONG: 97.613024°W


Y (N): 654652.03

X (E): 2084211.52

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. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified.

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.

 10/22/2019

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