

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

API NUMBER: 137 27554

Approval Date: 01/18/2019  
Expiration Date: 07/18/2020

Horizontal Hole Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 2N Rge: 4W County: STEPHENS  
SPOT LOCATION: SE NE NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2000 2460

Lease Name: MARY J Well No: 2-4-25-36-12H Well will be 2000 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

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

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

Name	Depth	Name	Depth
1 SYCAMORE	13174	6	
2 WOODFORD	13314	7	
3 HUNTON	13536	8	
4		9	
5		10	

Spacing Orders: 622176 Location Exception Orders: 683971 Increased Density Orders: 682466  
684428 683974 682467

Pending CD Numbers:

Special Orders:

Total Depth: 21309 Ground Elevation: 1100 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 950

Under Federal Jurisdiction: No 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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35908

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 36 Twp 2N Rge 4W County STEPHENS

Spot Location of End Point: SW SE SE NW

Feet From: NORTH 1/4 Section Line: 2635

Feet From: WEST 1/4 Section Line: 2012

Depth of Deviation: 12436

Radius of Turn: 715

Direction: 182

Total Length: 7749

Measured Total Depth: 21309

True Vertical Depth: 13731

End Point Location from Lease,  
Unit, or Property Line: 2012

Notes:

Category

Description

DEEP SURFACE CASING

12/19/2018 - 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

EXCEPTION TO RULE - 683974

1/17/2019 - G56 - (I.O.) 25 & 36-2N-4W  
X165:10-3-28(C)(2)(B) WDFD  
MAY BE CLOSER THAN 600' FROM THE MARY J 1H-25X AND/OR PROPOSED WELLS  
NEWFIELD EXPLOR MID CON INC.  
9/28/2018

HYDRAULIC FRACTURING

12/19/2018 - 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](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 - 682466

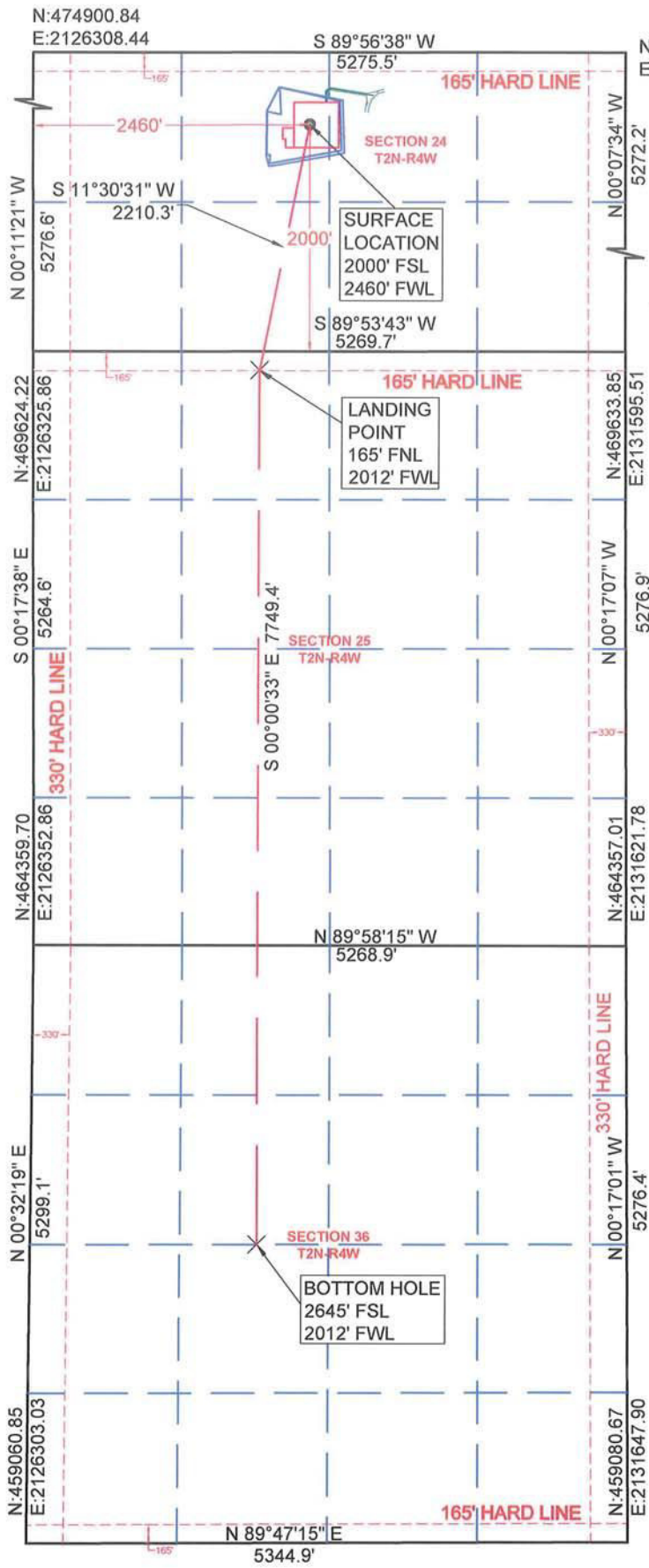
1/17/2019 - G56 - 25-2N-4W  
X622176 WDFD  
8 WELLS  
NEWFIELD EXPLOR. MID-CON INC.  
9/5/2018

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.

137 27554 MARY J 2-4-25-36-12H

Category	Description
INCREASED DENSITY - 682467	1/17/2019 - G56 - 36-2N-4W X622176 WDFD 8 WELLS NEWFIELD EXPLOR. MID-CON INC. 9/5/2018
LOCATION EXCEPTION - 683971	1/17/2019 - G56 - (I.O.) 25 & 36-2N-4W X622176 SCMR, WDFD, HNTN COMPL INT (25-2N-4W) NCT 0' FSL, NCT 165' FNL, NCT 1400' FWL COMPL INT (36-2N-4W) NCT 0' FNL, NCT 2640' FSL, NCT 1400' FWL NEWFIELD EXPLOR. MID-CON INC. 9/28/2018
MEMO	12/19/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM CUTTINGS WILL BE SOIL FARMED, WBM & OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
SPACING - 622176	1/17/2019 - G56 - (640)(HOR) 25 & 36-2N-4W EST SCMR, WDFD, HNTN COMPL INT (SCMR, HNTN) NLT 660' FB COMPL INT (WDFD) NLT 330' FB
SPACING - 684428	1/17/2019 - G56 - (I.O.) 25 & 36-2N-4W ESTABLISH MULTIUNIT HORIZONTAL WELL X622176 SCMR, WDFD, HNTN (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 67% 25-2N-4W 33% 36-2N-4W NEWFIELD EXPLOR. MID-CON INC. 10/5/2018

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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.



N:474906.01  
E:2131583.89

**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: **MARY J 2-4-25-36-12H**  
Section 24 Township 2 N Range 4 W, I.B.M.,  
County of Stephens, State of Oklahoma  
Good Location? **YES**

Original Location: 2000'FSL - 2460'FWL Elevation 1100' GROUND  
Distance & Direction From Nearest Town: 14.4 miles South of Lindsay

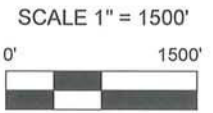
**SURFACE LOCATION**

DATUM: NAD27  
LAT: 34° 37' 42.91"N  
LONG: 97° 34' 18.94"W  
LAT: 34.628585°N  
LONG: 97.571926°W  
STATE PLANE  
COORDINATES: (US SURVEY FEET)  
ZONE: SOUTH\_ZONE  
Y (N): 471628.8  
X (E): 2128779.55



**DATUM: NAD83**

LAT: 34° 37' 43.19"N  
LONG: 97° 34' 20.04"W  
LAT: 34.628664°N  
LONG: 97.572233°W  
STATE PLANE  
COORDINATES: (US SURVEY FEET)  
ZONE: SOUTH\_ZONE  
Y (N): 471671.1  
X (E): 2097184.27



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

SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2018	C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS
PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
18346	STAKING DATE: 03/23/2017
SHEET: 6 OF 10	DRAWING DATE: 12/05/2018