

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

API NUMBER: 073 26378

Approval Date: 12/06/2018

Expiration Date: 06/06/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 16N Rge: 8W County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ SW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 725 1050

Lease Name: CORBIN

Well No: 1608 4H-5X

Well will be 725 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

KAREN EDGAR, TRUSTEE
18172 E 810 ROAD
KINGFISHER OK 73750

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

| Name | Depth | Name | Depth |
|-----------------|-------|------|-------|
| 1 MISSISSIPPIAN | 8525 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 632914
668435

Location Exception Orders: 668436
668556

Increased Density Orders: 668273
668272

Pending CD Numbers:

Special Orders:

Total Depth: 18900

Ground Elevation: 1167

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 250

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 05 Twp 16N Rge 8W County KINGFISHER

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 1540

Depth of Deviation: 8131

Radius of Turn: 500

Direction: 358

Total Length: 9984

Measured Total Depth: 18900

True Vertical Depth: 8633

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

Notes:

Category

Description

DEEP SURFACE CASING

11/8/2018 - 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 - 668556

12/6/2018 - G56 - (I.O.) 5 & 8-16N-8W
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE CORBIN 1H-5X, MARGARET 1-5, AND
LAWLER #1 WELLS
NEWFIELD EXPLOR. MID-CON INC.
9/26/2017

EXCEPTION TO RULE - 683338

12/6/2018 - G56 - EXTENSION OF TIME FOR ORDER # 668556

HYDRAULIC FRACTURING

11/8/2018 - 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:
OCCWEB.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.

073 26378 CORBIN 1608 4H-5X

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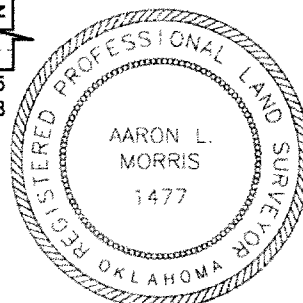
| Category | Description |
|-----------------------------|---|
| INCREASED DENSITY - 668272 | 12/6/2018 - G56 - 5-16N-8W X632914 MSSP 5 WELLS NEWFIELD EXPLOR. MID-CON INC. 9/19/2017 |
| INCREASED DENSITY - 668273 | 12/6/2018 - G56 - 8-16N-8W X632914 MSSP 5 WELLS NEWFIELD EXPLOR. MID-CON INC. 9/19/2017 |
| INCREASED DENSITY - 683339 | 12/6/2018 - G56 - EXTENSION OF TIME FOR ID # 668272 |
| INCREASED DENSITY - 683340 | 12/6/2018 - G56 - EXTENSION OF TIME FOR ID # 668273 |
| INTERMEDIATE CASING | 11/8/2018 - 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 - 668436 | 12/6/2018 - G56 - (I.O.) 5 & 8-16N-8W X632914 MSSP, OTHER COMPL. INT. (8-16N-8W) NCT 165 FSL, NCT 0 FNL, NCT 990 FEL COMPL. INT. (5-16N-8W) NCT 0 FSL, NCT 165 FNL, NCT 990 FEL NEWFIELD EXPLOR. MID-CON INC. 9/22/2017 |
| LOCATION EXCEPTION - 683335 | 12/6/2018 - G56 - EXTENSION OF TIME FOR LE # 668436 |
| MEMO | 11/8/2018 - 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 3 - OBM TO VENDOR |
| SPACING - 632914 | 12/6/2018 - G56 - (640)(HOR) 5 & 8-16N-8W VAC 100728/236444 MSSLM 5-16N-8W VAC 100728 MSSNC 5-16N-8W VAC 236444 MNNG 5-16N-8W VAC 174773 MCSTR, MNNG, MSSLM W2 NE4, NW4, S2 8-16N-8W EXT 614033 MSSP, OTHER COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 174773 MCSTR, MNNG, MSSLM E2 NE4 8-16N-8W) |
| SPACING - 668435 | 12/6/2018 - G56 - (I.O.) 5 & 8-16N-8W EST MULTIUNIT HORIZONTAL WELL X632914 MSSP, OTHER 50% 5-16N-8W 50% 8-16N-8W NEWFIELD EXPLOR. MID-CON INC. 9/22/2017 |
| SPACING - 683250 | 12/6/2018 - G56 - EXTENSION OF TIME FOR MU # 668435 |


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| | |
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| 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) |
| 16362 | STAKING DATE: 08/15/2018 |
| SHEET: 6 OF 10 | DRAWING DATE: 08/31/2018 |



 9/5/2018
Aaron L. Morris R.P.L.S. No.1477
Bennett-Morris & Associates Land
Surveying P.C. ~ C.A. No. 5795 (LS)
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