

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

API NUMBER: 017 25595 A

Approval Date: 01/10/2020

Expiration Date: 07/10/2021

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: UPDATE BHL (SLOT)

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 14N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 2250

Lease Name: KLADE

Well No: 1407 6H-3X

Well will be 300 feet from nearest unit or lease boundary.

Operator NEWFIELD EXPLORATION MID-CON INC
Name:

Telephone: 2812105100; 9188781

OTC/OCC Number: 20944 0

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

ALFRED J MEYER
511 N. 2ND STREET
OKARCHE OK 73762

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8320	6	
2	WOODFORD	8820	7	
3			8	
4			9	
5			10	

Spacing Orders: 599529
706431

Location Exception Orders: 706437
706432

Increased Density Orders: 705326
705327
705328
705329

Pending CD Numbers:

Special Orders:

Total Depth: 18795

Ground Elevation: 1162

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 280

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 BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37172
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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 03 Twp 14N Rge 7W County CANADIAN

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1363

Depth of Deviation: 8018

Radius of Turn: 495

Direction: 360

Total Length: 10000

Measured Total Depth: 18795

True Vertical Depth: 8820

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

Notes:

Category

Description

DEEP SURFACE CASING

1/9/2020 - 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 - 706437 (201904647)

1/10/2020 - GC2 - (I.O.) 3 & 10-14N-7W
X165:10-3-28(C)(2)(B) MSSP, WDFD, OTHER (KLADE 1407 6H-3X) MAY BE CLOSER THAN 600'
TO KLADE 1407 2H-3X, KLADE 1407 3H-3X, KLADE 1407 4H-3X, KLADE 1407 5H-3X, KLADE 1407
7H-3X, KLADE 1407 8H-3X, KLADE 1H-3X, SCHRODER #1
NO OP. NAMED
12-16-2019

HYDRAULIC FRACTURING

1/9/2020 - 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

INCREASED DENSITY - 705326 (201904629)

1/10/2020 - GC2 - 3-14N-7W
X599529 MSSP
6 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC
11-19-2019

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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.

017 25595 KLADE 1407 6H-3X

INCREASED DENSITY - 705327 (201904630)	1/10/2020 - GC2 - 3-14N-7W X599529 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC 11-19-2019
INCREASED DENSITY - 705328 (201904631)	1/10/2020 - GC2 - 10-14N-7W X599529 MSSP 6 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC 11-19-2019
INCREASED DENSITY - 705329 (201904632)	1/10/2020 - GC2 - 10-14N-7W X599529 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC 11-19-2019
LOCATION EXCEPTION - 706432 (201904642)	1/10/2020 - GC2 - (I.O.) 3 & 10-14N-7W X599529 MSSP, WDFD, OTHER 3 & 10-14N-7W COMPL. INT. (10-14N-7W) NCT 165' FSL, NCT 0' FNL, NCT 1,320' FWL COMPL. INT. (3-14N-7W) NCT 0' FSL, NCT 165' FNL, NCT 1,320' FWL NEWFIELD EXPLORATION MID-CONTINENT INC 12-16-2019
MEMO	1/9/2020 - 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, OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
SPACING - 599529	1/10/2020 - GC2 - (640)(HOR) 3 & 10-14N-7W EXT 587241 MSSP, WDFD, OTHER COMPL. INT. (MSSP, OTHER) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST EXISTING NON- HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)
SPACING - 706431 (201904641)	1/10/2020 - GC2 - (I.O.) 3 & 10-14N-7W EST MULTIUNIT HORIZONTAL WELL X599529 MSSP, WDFD, OTHER 3 & 10-14N-7W 50% 3-14N-7W 50% 10-14N-7W NEWFIELD EXPLORATION MID-CONTINENT INC 12-16-2019

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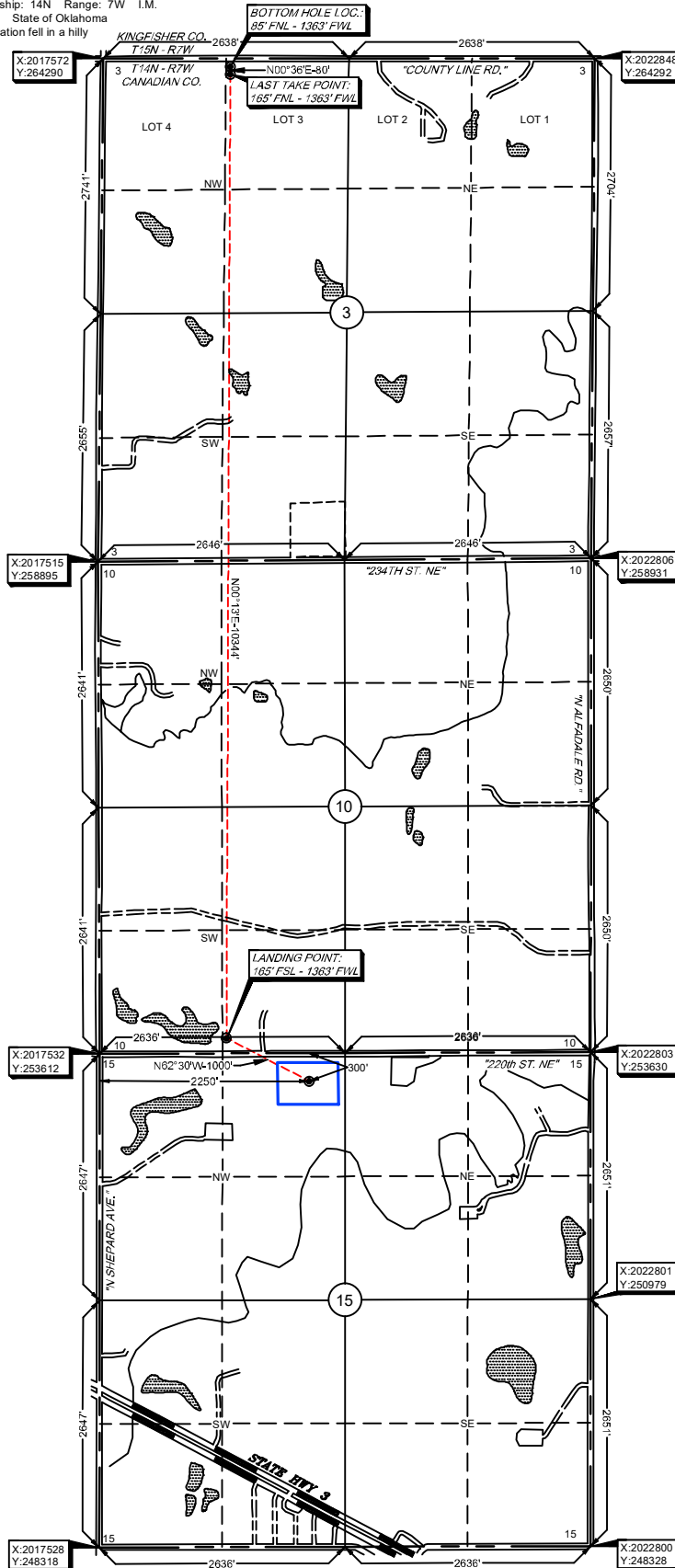


Well Location Plat

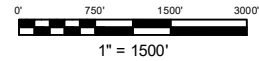
S.H.L. Sec. 15-14N-7W I.M.
B.H.L. Sec. 3-14N-7W I.M.

Operator: NEWFIELD EXPLORATION MID-CONTINENT, INC.
Lease Name and No.: KLADE 1407 6H-3X
Footage: 300' FNL - 2250' FWL Gr. Elevation: 1162'
Section: 15 Township: 14N Range: 7W I.M.
County: Canadian State of Oklahoma
Terrain at Loc.: Location fell in a hilly open field.

API: 017-25595A



All bearings shown
are grid bearings.



GPS DATUM
NAD 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°41'45.24"N
Lon: 97°56'00.18"W
Lat: 35.69589964
Lon: -97.93338253
X: 2019782
Y: 253320

Landing Point:
Lat: 35°41'49.81"N
Lon: 97°56'10.93"W
Lat: 35.69717039
Lon: -97.93636963
X: 2018894
Y: 253782

Last Take Point:
Lat: 35°43'32.11"N
Lon: 97°56'10.38"W
Lat: 35.72558732
Lon: -97.93621622
X: 2018933
Y: 264126

Bottom Hole Loc.:
Lat: 35°43'32.91"N
Lon: 97°56'10.37"W
Lat: 35.72580710
Lon: -97.93621321
X: 2018934
Y: 264206

Please note that this location was staked on the ground under the supervision of the undersigned and that the location is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inaccuracy is determined. GPS data is obtained from RTK - GPS. NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on the ground, and further, does NOT represent a true boundary survey, but is a representation of the location of the section corner, or occupation thereof, and may not have been measured on the ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

Invoice #8779-A-F
Date Staked: 08/15/19 By: J.W.
Date Drawn: 08/23/19 By: J.C.
Added LP, LTP, & BHL: 12/19/19 By: M.K.
Revised LP, LTP, & BHL: 01/16/2020 By: J.H.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS

01/20/2020

OK LPLS 1664

