

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

API NUMBER: 073 26489

Approval Date: 03/15/2019

Expiration Date: 09/15/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 18N Rge: 9W

County: KINGFISHER

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

SECTION LINES: 240 1640

Lease Name: JAKE 19-09-25

Well No: 1H

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CHISHOLM OIL & GAS OPERATING LLC

Telephone: 9184886400

OTC/OCC Number: 23991 0

CHISHOLM OIL & GAS OPERATING LLC
6100 S YALE AVE STE 1700
TULSA, OK 74136-1921

THOMAS ANDREW MEWHERTER
5998 N. 2730 ROAD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7802	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 673592

Location Exception Orders: 683190

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13447

Ground Elevation: 1102

Surface Casing: 200

Depth to base of Treatable Water-Bearing FM: 150

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: 8000 Average: 5000

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: 19-36305
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 35 Twp 19N Rge 9W County KINGFISHER

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 175

Feet From: EAST 1/4 Section Line: 1335

Depth of Deviation: 7659

Radius of Turn: 637

Direction: 1

Total Length: 4787

Measured Total Depth: 13447

True Vertical Depth: 8180

End Point Location from Lease,
Unit, or Property Line: 175

Additional Surface Owner	Address	City, State, Zip
CAROL ANN MEWHERTER	5002 E. 630 ROAD	HENNESSEY, OK 73742
DONALD SCOTT MEWHERTER AND	4026 N. 2760 ROAD	HENNESSEY, OK 73742

Notes:

Category

Description

HYDRAULIC FRACTURING

3/4/2019 - 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

LOCATION EXCEPTION - 683190

3/15/2019 - G58 - (I.O.) 35-19N-9W
X673592 MSSP
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FEL
CHISHOLM OIL AND GAS OPERATING, LLC
9/18/2018

SPACING - 673592

3/15/2019 - G58 - (640)(HOR) 35-19N-9W
EXT 664032 MSSP, OTHERS
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER 52721/62417 MSSSD)



Well Location Plat

S.H.L. Sec. 2-18N-9W I.M.
B.H.L. Sec. 35-19N-9W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: JAKE 19-09-35 1H
Footage: 240' FNL - 1640' FEL Gr. Elevation: 1102'
NE/4-NE/4-NW/4-NE/4 Section: 2 Township: 18N Range: 9W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in an open, hilly pasture.

073-26489



All bearings shown
are grid bearings.



1" = 1320'

GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 36°04'18.20"N

Lon: 98°07'37.08"W

Lat: 36.07168516

Lon: -98.12662431

X:1898444

Y:13097256

Landing Point:

Lat: 36°04'23.33"N

Lon: 98°07'33.37"W

Lat: 36.07311092

Lon: -98.12559343

X: 1898744

Y: 13097778

Bottom Hole Loc.:

Lat: 36°05'10.69"N

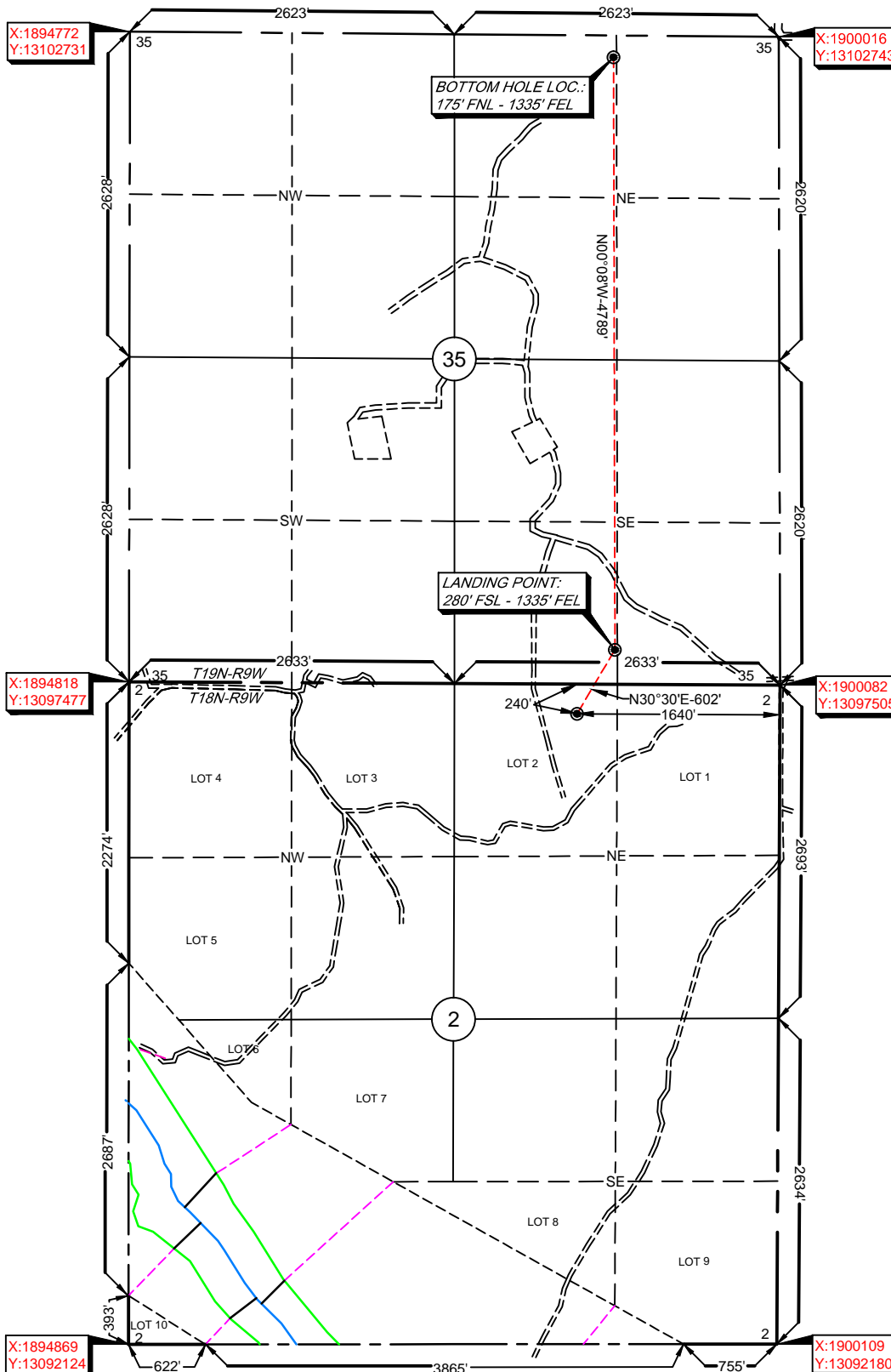
Lon: 98°07'33.58"W

Lat: 36.08626599

Lon: -98.12565171

X: 1898683

Y: 13102565



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed 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. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, 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 #7344-B-A

Date Staked: 02/11/19 By: S.O.

Date Drawn: 02/11/19 By: J.K.

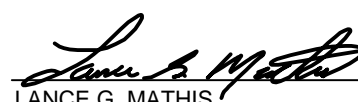
Rev. LP & BHL: 02/18/19 By: C.K.

Rev. LP & BHL: 02/19/19 By: M.K.

Corrected Range: 03/15/19 By: R.S.

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

03/15/19

OK LPLS 1664

