

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

API NUMBER: 073 26058

Approval Date: 05/18/2018

Expiration Date: 11/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 19N Rge: 8W

County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 350 1170

Lease Name: SOUPY 19-08-05

Well No: 1H

Well will be 350 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

JUSTIN & DEBRA L. CHOATE
6642 E. 630 ROAD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (EX CHESTER)	7198	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 674850

Location Exception Orders: 677367

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13217

Ground Elevation: 1209

Surface Casing: 330

Depth to base of Treatable Water-Bearing FM: 280

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: 18-34476

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 05 Twp 19N Rge 8W 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: 1370

Depth of Deviation: 7015

Radius of Turn: 875

Direction: 358

Total Length: 4827

Measured Total Depth: 13217

True Vertical Depth: 7950

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/10/2018 - 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; 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 - 677367

5/16/2018 - G57 - (I.O.) 5-19N-8W
X674850 MSNLC
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL
CHISHOLM OIL & GAS OPERATING, LLC.
5-7-2018

SPACING - 674850

5/16/2018 - G57 - (640)(HOR) 5-19N-8W
EXT 669145/670289 MSNLC
EXT OTHER
EST OTHERS
POE TO BHL NCT 660' FB
(COEXIST WITH SP. ORDER 48569 MRMC NE4, NW4, S2, SP. ORDER 51513 MSLOS NE4, NW4, S2)



Well Location Plat

S.H.L. Sec. 8-19N-8W I.M.
B.H.L. Sec. 5-19N-8W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: SOUPY 19-08-05 1H

API: 073 26058

Footage: 350' FNL - 1170' FEL Gr. Elevation: 1209'

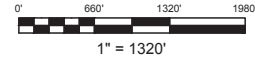
S/2-NW/4-NE/4-NE/4 Section: 8 Township: 19N Range: 8W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell in an open flat pasture with possible pipelines in the area.



All bearings shown
are grid bearings.



GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 36°08'38.75"N

Lon: 98°04'21.49"W

Lat: 36.14406033

Lon: -98.07229602

X: 1914243

Y: 13123743

Landing Point:

Lat: 36°08'43.82"N

Lon: 98°04'23.93"W

Lat: 36.14546811

Lon: -98.07297363

X: 1914038

Y: 13124253

Bottom Hole Loc.:

Lat: 36°09'31.56"N

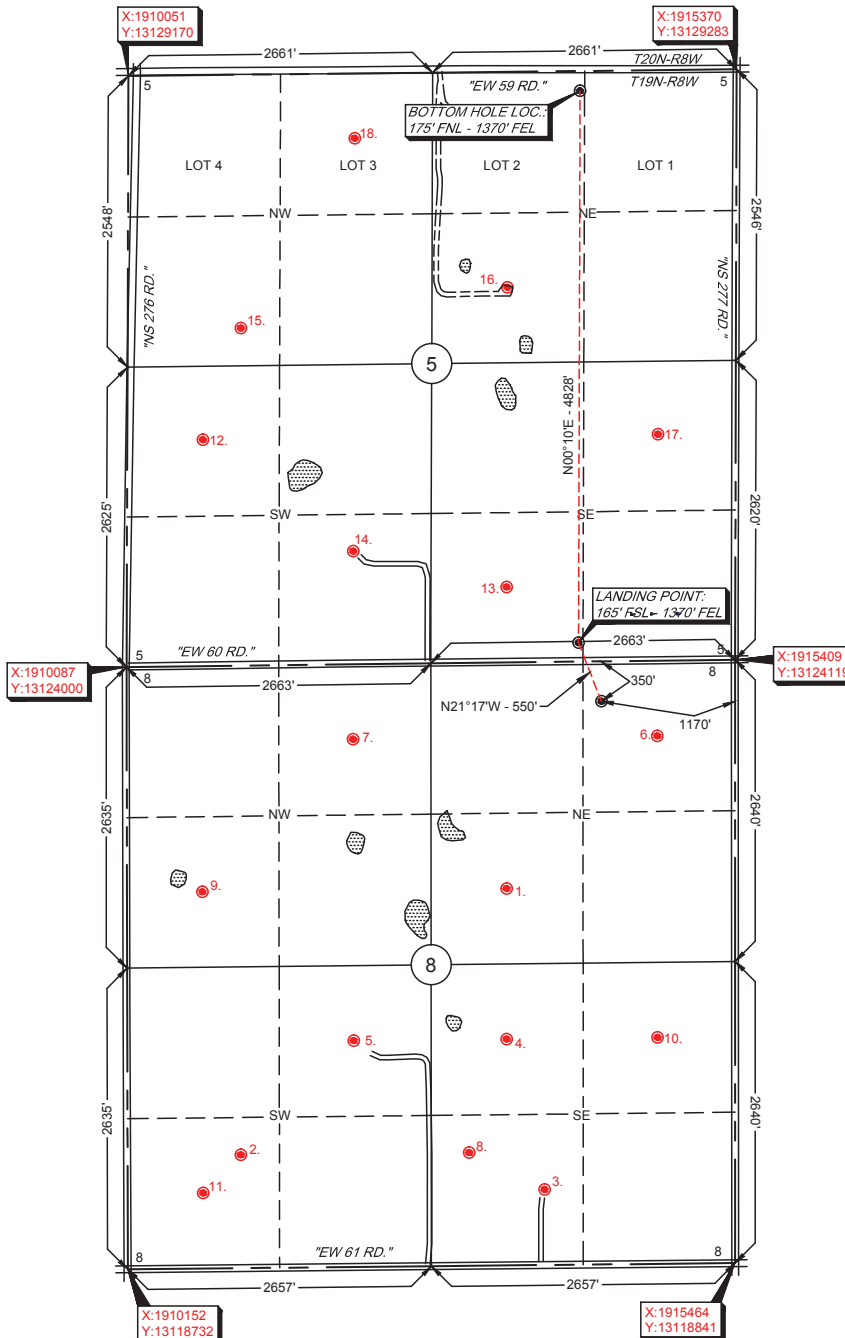
Lon: 98°04'23.81"W

Lat: 36.15873001

Lon: -98.07294046

X: 1914002

Y: 13129079



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 you have any questions or concerns regarding this survey. This plat is a true and correct copy of the original survey. 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 opposite section corners, or occupation survey, but they are not 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, 2018

Invoice #7549

Date Staked: 01/03/18 By: C.K.

Date Drawn: 01/11/18 By: K.B.

Added LP/BHL: 04/19/18 By: J.H.

Rev. LP/BHL: 04/24/18 By: J.K.

Rev. LP/BHL: 05/18/18 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
LANCE G. MATHIS

05/18/18

OK LPLS 1664

