

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

API NUMBER: 073 26455

Approval Date: 02/21/2019

Expiration Date: 08/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 18N Rge: 9W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 275 257

Lease Name: TEXAS RANGERS 19-09-33

Well No: 1H

Well will be 257 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

DANIEL GENE GEIS & SHIRLA ROSE GEIS
267248 EAST 720 ROAD
HITCHCOCK OK 73744

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7410	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 676046

Location Exception Orders: 684872

Increased Density Orders:

687191

Pending CD Numbers:

Special Orders:

Total Depth: 13617

Ground Elevation: 1101

Surface Casing: 190

Depth to base of Treatable Water-Bearing FM: 140

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 BED AQUIFER

Pit Location Formation: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-36002

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CIMARRON RIVER)

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 33 Twp 19N Rge 9W County KINGFISHER

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 175

Feet From: EAST 1/4 Section Line: 350

Depth of Deviation: 7829

Radius of Turn: 521

Direction: 359

Total Length: 4970

Measured Total Depth: 13617

True Vertical Depth: 8350

End Point Location from Lease,

Unit, or Property Line: 175

Notes:

Category

Description

EXCEPTION TO RULE - 687191

2/21/2019 - G56 - (I.O.) 33-19N-9W
165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO HAYWORTH 33-1 WELL
CHISHOLM OIL & GAS OP., LLC
11/27/2018

HYDRAULIC FRACTURING

12/30/2018 - 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 - 684872

1/16/2019 - G56 - (I.O.) 33-19N-9W
X676046 MSSP
COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL
CHISHOLM OIL & GAS OPERATING, LLC
10/12/2018

PENDING CD - 201900759

2/5/2019 - G56 - (640) 33-19N-9W
CLARIFY SP # 133421 TO STATE THAT SP # 31905 BE VACATED AS TO THE BPMSU
REC 2/19/2019 (JOHNSON)

SPACING - 676046

1/14/2019 - G56 - (640)(HOR) 33-19N-9W
EST MSSP, OTHERS
COMPL, INT. NLT 660' FB
(COEXIST SP ORDER # 52721/62417 MSSSD E2, ORDER # 52721/62417/154728 MSSSD W2, ORDER # 133421 CSTR E2 & ORDER # 154728 CSTR W2)

This permit does not address the right of entry or settlement of surface damages.

073 26455 TEXAS RANGERS 19-09-33 1H

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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.



Well Location Plat

S.H.L. Sec. 4-18N-9W I.M.
B.H.L. Sec. 33-19N-9W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: TEXAS RANGERS 19-09-33 1H
Footage: 275' FNL - 257' FEL Gr. Elevation: 1101'
NE/4-NE/4-NE/4 Section: 4 Township: 18N Range: 9W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in a flat, open field.



All bearings shown
are grid bearings.

0 660' 1320' 1980'

1" = 1320'

GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 36°04'18.17"N

Lon: 98°09'28.51"W

Lat: 36.07167550

Lon: -98.15757564

X:1889299

Y:13097172

Landing Point:

Lat: 36°04'22.52"N

Lon: 98°09'29.62"W

Lat: 36.07288580

Lon: -98.15788595

X:1889204

Y:13097612

Bottom Hole Loc.:

Lat: 36°05'11.38"N

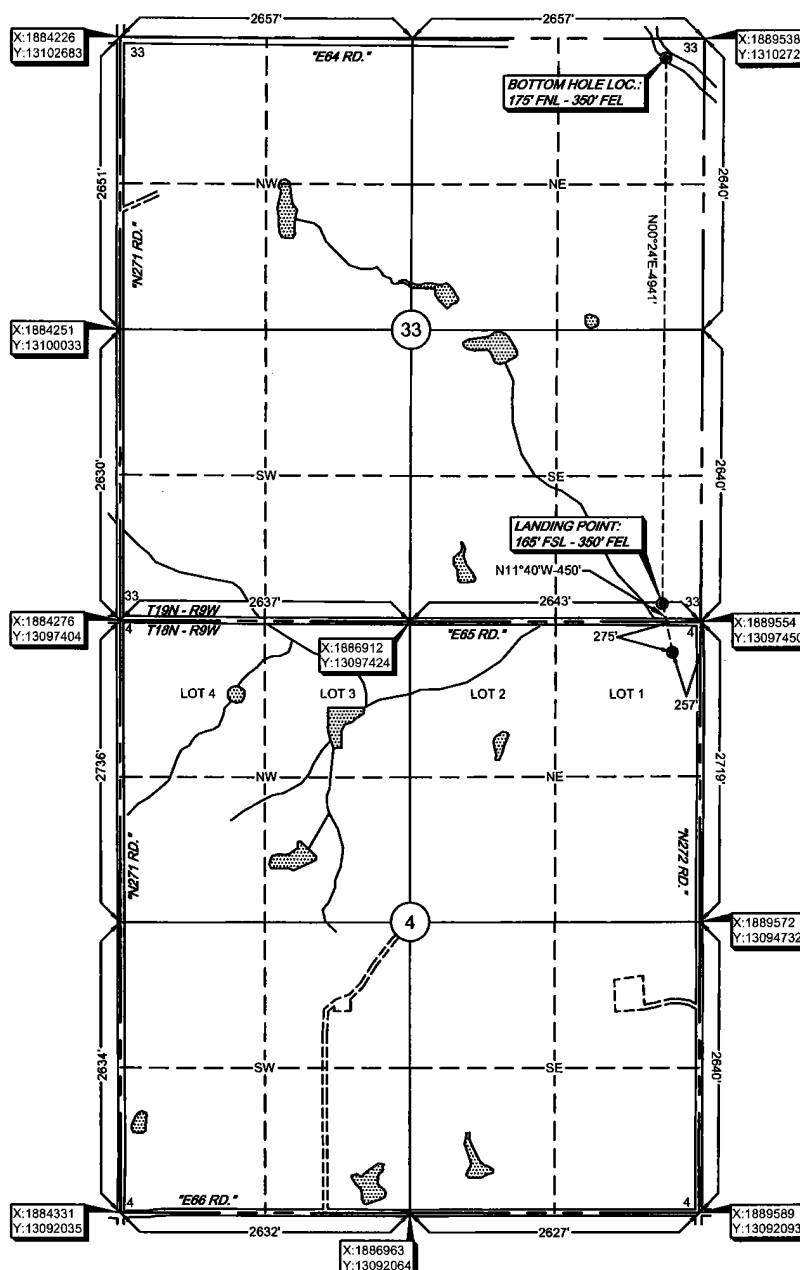
Lon: 98°09'29.29"W

Lat: 36.08645781

Lon: -98.15779402

X:1889188

Y:13102551



-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. The location is based on the survey data and the accuracy of any measurement is determined. GPS data is obtained from RTK-GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true boundary survey. The location is based on the survey data and the accuracy of any measurement is determined. GPS data is obtained from RTK-GPS. The location is based on the survey data and the accuracy of any measurement is determined. GPS data is obtained from RTK-GPS. The location is based on the survey data and the accuracy of any measurement is determined. GPS data is obtained from RTK-GPS.

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 #7910-A
Date Staked: 07/27/18 By: D.K.
Date Drawn: 07/31/18 By: C.K.

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

08/02/18

OK LPLS 1664

