

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

API NUMBER: 073 26044

Approval Date: 05/08/2018

Expiration Date: 11/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 18N Rge: 8W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 220 2430

Lease Name: COLONEL COBB 18-08-26

Well No: 1H

Well will be 220 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

DORIS RUTH BREHM
TRUSTEE OF DORIS RUTH BREHM TRUST
1204 REGENCY COURT
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7440	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802703
201802806

Special Orders:

Total Depth: 13067

Ground Elevation: 1101

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34354
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 26 Twp 18N Rge 8W County KINGFISHER

Spot Location of End Point: N2 N2 N2 N2

Feet From: NORTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 7233

Radius of Turn: 573

Direction: 2

Total Length: 4933

Measured Total Depth: 13067

True Vertical Depth: 7800

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

Notes:

Category

Description

HYDRAULIC FRACTURING

4/20/2018 - 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

PENDING CD - 201802703

4/25/2018 - G57 - (640)(HOR) 26-18N-8W
EXT OTHER
EST MSSP
POE TO BHL NCT 660' FB
(COEXIST WITH SP. ORDER 75504 MSSLM & SP. ORDER 161297 MNNG W2 SW4)
REC 4-23-2018 (DUNN)

PENDING CD - 201802806

4/25/2018 - G57 - (E.O.) 26-18N-8W
X201802703 MSSP
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC 5-8-2018 (JOHNSON)

Well Location Plat

S.H.L. Sec. 35-18N-8W I.M.

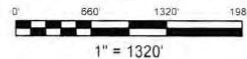
B.H.L. Sec. 26-18N-8W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: COLONEL COBB 18-08-26 1H
Footage: 220' FNL - 2430' FWL Gr. Elevation: 1101'
NE/4-NE/4-NE/4-NW/4 Section: 35 Township: 18N Range: 8W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in a wheat field.

API: 073 26044



All bearings shown
are grid bearings



GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 35°59'59.05"N

Lon: 98°01'27.29"W

Lat: 35.99969636

Lon: -98.02391128

X:1929052

Y:13071348

Landing Point:

Lat: 36°00'02.87"N

Lon: 98°01'24.74"W

Lat: 36.00075883

Lon: -98.02320196

X:1929258

Y:13071737

Bottom Hole Loc.:

Lat: 36°00'51.68"N

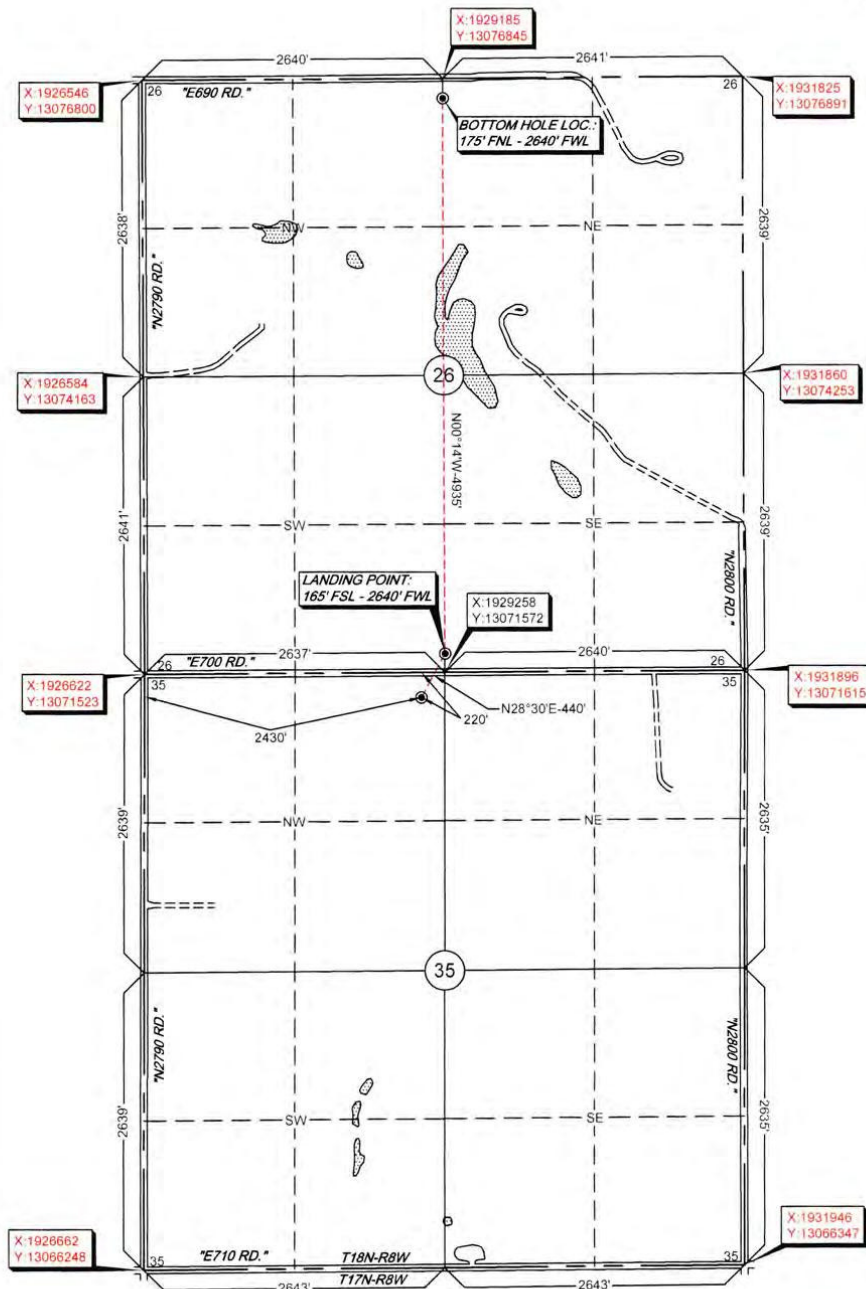
Lon: 98°01'25.00"W

Lat: 36.01431656

Lon: -98.02327405

X:1929187

Y:13076670



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 Arkansas Surveying and Mapping promptly if you have any questions or concerns. 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 opposing section corners, or calculated from a true boundary survey. Distances 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

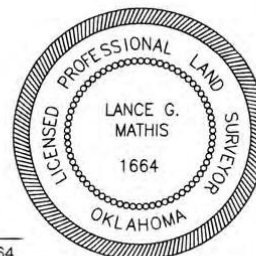
Certification:

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

04/18/18

OK LPLS 1664



Invoice #7777

Date Staked: 04/11/18 By: J.W.

Date Drawn: 04/16/18 By: J.K.