

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

API NUMBER: 073 26633

Approval Date: 10/04/2019

Expiration Date: 04/04/2021

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 18N Rge: 7W

County: KINGFISHER

SPOT LOCATION:

SE

SE

SW

NW

FEET FROM QUARTER: FROM

NORTH

FROM

WEST

SECTION LINES:

2433

1061

Lease Name: B. CHUBB 17-07-03

Well No: 1MH

Well will be 1061 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

JAMES M. & VIRGINIA A. BARR
P.O. BOX 287
DOVER OK 73734

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	7108	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 699793

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904271

Special Orders:

Total Depth: 15447

Ground Elevation: 1051

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 260

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: 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? Y

Wellhead Protection Area? Y

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: 19-36993

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - TURKEY CREEK)

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.

HORIZONTAL HOLE 1

Sec 03 Twp 17N Rge 7W County KINGFISHER

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 880

Depth of Deviation: 7129

Radius of Turn: 521

Direction: 190

Total Length: 7500

Measured Total Depth: 15447

True Vertical Depth: 7108

End Point Location from Lease,

Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

9/18/2019 - 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

PENDING CD - 201904271

10/4/2019 - GB1 - (I.O.) S2 34-18N-7W & 3-17N-7W
X699793 MSNLC
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FWL
NO OP. NAMED
REC. 9/16/2019 (JOHNSON)

PUBLIC WATER SUPPLY WELLS

9/18/2019 - G71 - KINGFISHER - 3 PWS/WPA, NW/4 & SW/4 33-18N-7W & 2 PWS/WPA, NW/4 3-17N-7W

SPACING - 699793

10/4/2019 - GB1 - (960)(IRR UNIT)(HOR) S2 34-18N-7W & 3-17N-7W
EST MSNLC, OTHERS
COMPL. INT. NLT 660' FB
(COEXIST SP #70346/74825/98242 MSSSD 3-17N-7W; SP #70346/74825 S2 34-18N-7W; SP #190144 OSGE, KDRK SW4 3-17N-7W)

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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.

073 26633 B. CHUBB 17-07-03 1MH



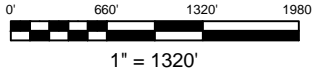
Well Location Plat

S.H.L. Sec. 34-18N-7W I.M.
B.H.L. Sec. 3-17N-7W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: B. CHUBB 17-07-03 1MH
Footage: 2433' FNL - 1061' FWL Gr. Elevation: 1051'
SE/4-SE/4-SW/4-NW/4 Section: 34 Township: 18N Range: 7W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in hilly open field.



All bearings shown
are grid bearings.



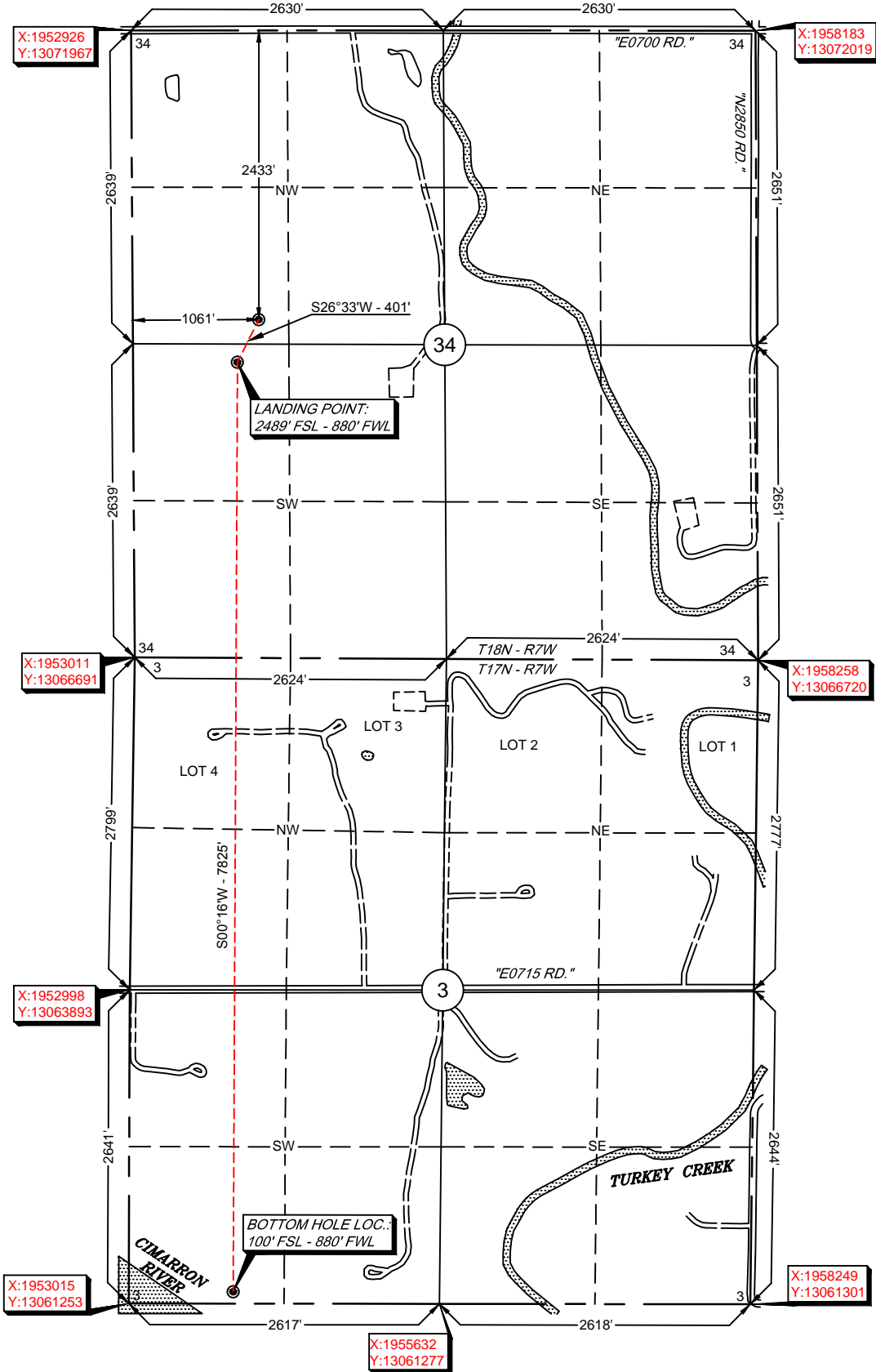
GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 35°59'38.64"N
Lon: 97°56'23.53"W
Lat: 35.99402652
Lon: -97.93953521
X:1954026
Y:13069545

Landing Point:
Lat: 35°59'35.09"N
Lon: 97°56'25.72"W
Lat: 35.99304018
Lon: -97.94014241
X:1953850
Y:13069184

Bottom Hole Loc.:
Lat: 35°58'17.70"N
Lon: 97°56'26.21"W
Lat: 35.97154277
Lon: -97.94028074
X:1953895
Y:13061361

-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 hereon 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 #8769
Date Staked: 07/23/19 By: D.K.
Date Drawn: 07/24/19 By: E.W.
Added LP & BHL: 07/29/19 By: E.W.
Rev. LP & BHL: 10/03/19 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

10/03/19
OK LPLS 1664

