

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

API NUMBER: 073 26382

Approval Date: 12/07/2018
Expiration Date: 06/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 18N Rge: 5W County: KINGFISHER
SPOT LOCATION: SE SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 297 1782

Lease Name: CLARA 18-05-13 Well No: 1MH Well will be 297 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 L. BLEVINS
6300 SW 104TH ST.
OKLAHOMA CITY OK 73173

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6102	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807143
201806108

Special Orders:

Total Depth: 11717 Ground Elevation: 1066 **Surface Casing: 220** Depth to base of Treatable Water-Bearing FM: 170

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? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35824
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 13 Twp 18N Rge 5W County KINGFISHER

Spot Location of End Point: SE SW SE SW

Feet From: SOUTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 1871

Depth of Deviation: 5929

Radius of Turn: 525

Direction: 179

Total Length: 4963

Measured Total Depth: 11717

True Vertical Depth: 6450

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/18/2018 - 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 C.D. - 201806108

12/6/2018 - GA8 - (640) (HOR) 13-18N-5W
VAC 634568 MSSP, OTHER
EXT 669713 MSSP, OTHER
COMPL. INT. NCT 660' FB
(COEXIST SP. ORDER 45460/62761 MSSLM)
REC 10/29/2018 (JOHNSON)

PENDING C.D.- 201807143

12/6/2018 - GA8 - (I.O.) 13-18N-5W
X201806108 MSSP
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FWL
NO OP. NAMED
REC. 10/29/2018 (JOHNSON)



Well Location Plat

S.H.L. Sec. 12-18N-5W I.M.
B.H.L. Sec. 13-18N-5W I.M.

073-26382

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: CLARA 18-05-13 1MH
Footage: 297' FSL - 1782' FWL Gr. Elevation: 1066'
SE/4-SW/4-SE/4-SW/4 Section: 12 Township: 18N Range: 5W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in a flat open field.



All bearings shown are grid bearings.



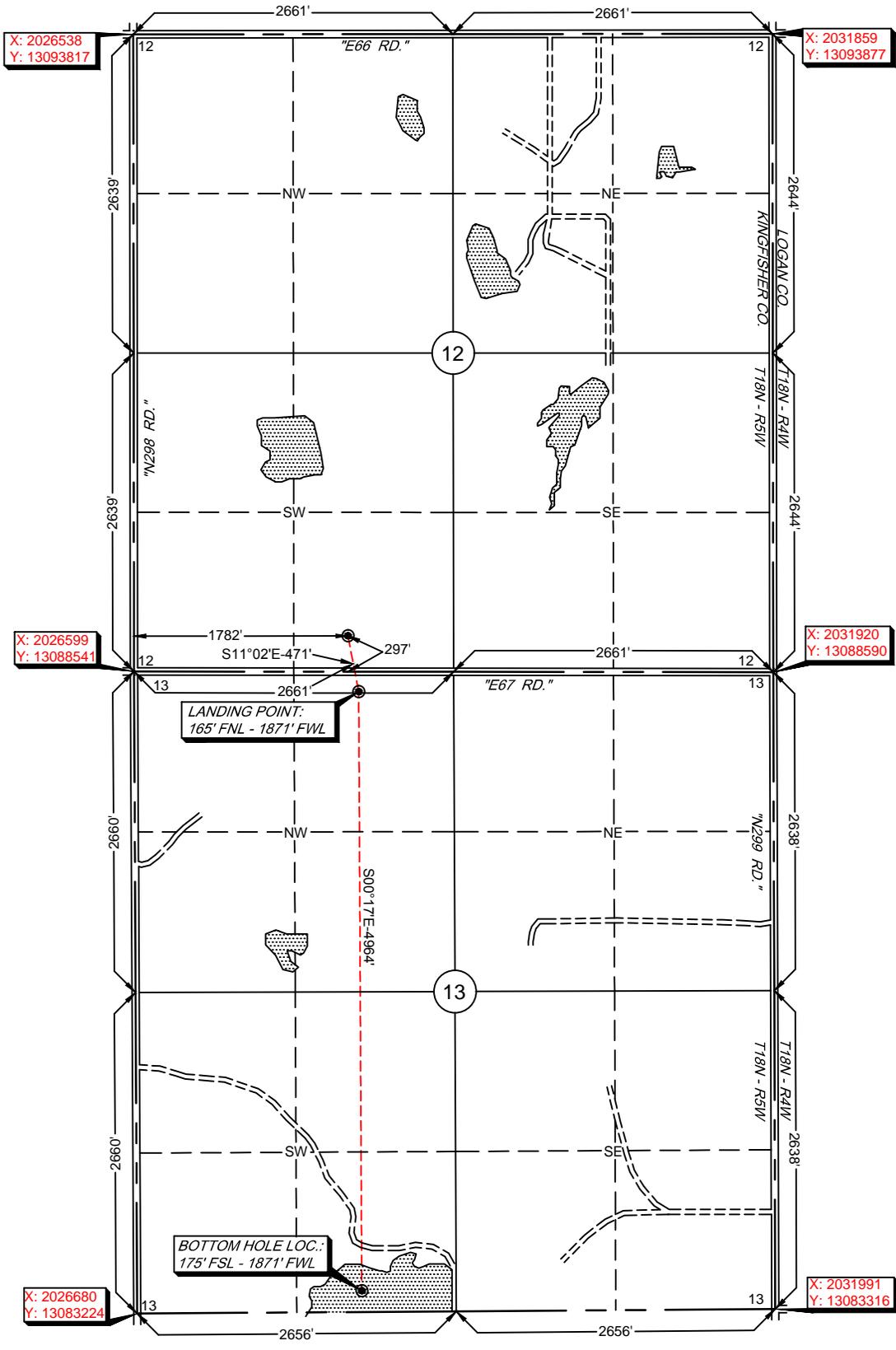
1" = 1320'

GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°02'40.67"N
Lon: 97°41'15.43"W
Lat: 36.04459086
Lon: -97.68729187
X: 2028377
Y: 13088854

Landing Point:
Lat: 36°02'36.10"N
Lon: 97°41'14.35"W
Lat: 36.04332115
Lon: -97.68699243
X: 2028472
Y: 13088394

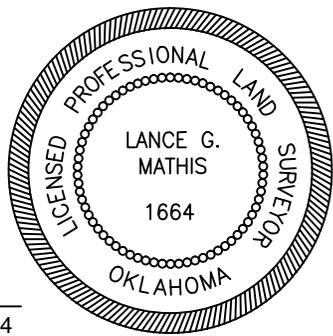
Bottom Hole Loc.:
Lat: 36°01'47.01"N
Lon: 97°41'14.24"W
Lat: 36.02968460
Lon: -97.68696144
X: 2028548
Y: 13083431



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is staked 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

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.



Invoice #8124
Date Staked: 09/05/18 By: D.K.
Date Drawn: 09/05/18 By: J.D.
Rev. Lease Name: 10/05/18 By: J.D.

LANCE G. MATHIS 10/05/18
OK LPLS 1664