

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

API NUMBER: 073 26018

Approval Date: 04/18/2018  
Expiration Date: 10/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 18N Rge: 5W County: KINGFISHER  
SPOT LOCATION:  NW  NE  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 200 800

Lease Name: COW-HUNT 18-05-23 Well No: 3MH Well will be 200 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

STEPHEN E. POLLARD AND SHARON R. POLLARD  
704 LEVI ST.  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (EX CHESTER)	6311	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 633265 Location Exception Orders: 674020 Increased Density Orders: 673078

Pending CD Numbers: 201802362 Special Orders:

Total Depth: 12017 Ground Elevation: 1132 **Surface Casing: 250** Depth to base of Treatable Water-Bearing FM: 200

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

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: SALT PLAINS

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34307  
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 23 Twp 18N Rge 5W County KINGFISHER

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 6229

Radius of Turn: 521

Direction: 355

Total Length: 4970

Measured Total Depth: 12017

True Vertical Depth: 6750

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

Notes:

Category

Description

HYDRAULIC FRACTURING

4/11/2018 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 673078

4/17/2018 - G56 - 23-18N-5W  
X633265 MSNLC  
1 WELL  
CHISHOLM O&G OP., LLC  
2/2/18

LOCATION EXCEPTION - 674020

4/17/2018 - G56 - (I.O.) 23-18N-5W  
X633265 MSNLC  
COMPL INT NCT 150' FSL, NCT 150' FNL, NCT 660' FWL  
CHISHOLM O&G OP., LLC  
2/23/18

PENDING CD - 201802362

4/17/2018 - G56 - (I.O.) 23-18N-5W  
X633265 165:10-3-28(C)(2)(B)  
MAY BE CLOSER THAN 600' TO THE SMITH #1 WELL OR ANOTHER PROPOSED WELL  
NO OP NAMED  
REC 4/9/18 (DUNN)

SPACING - 633265

4/17/2018 - G56 - (640) (HOR) 23-18N-5W  
VAC 45460/62761 MSSLM E2 AND W2 SW4  
VAC OTHER  
EST MSNLC  
POE TO BHL 660' FB MSNLC  
(COEXIST WITH 45460/62761 MSSLM NW4 AND E2 SW4)



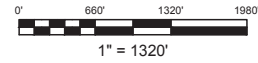
# Well Location Plat

S.H.L. Sec. 26-18N-5W I.M.  
B.H.L. Sec. 23-18N-5W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC  
 Lease Name and No.: COW-HUNT 18-05-23 3MH  
 Footage: 200' FNL - 800' FWL Gr. Elevation: 1132'  
 NW/4-NE/4-NW/4-NW/4 Section: 26 Township: 18N Range: 5W I.M.  
 County: Kingfisher State of Oklahoma  
 Terrain at Loc.: Location fell in an open, flat, cultivated field with an East-West right-of-way fence and a cell tower anchor 25' West of pad.



All bearings shown are grid bearings.

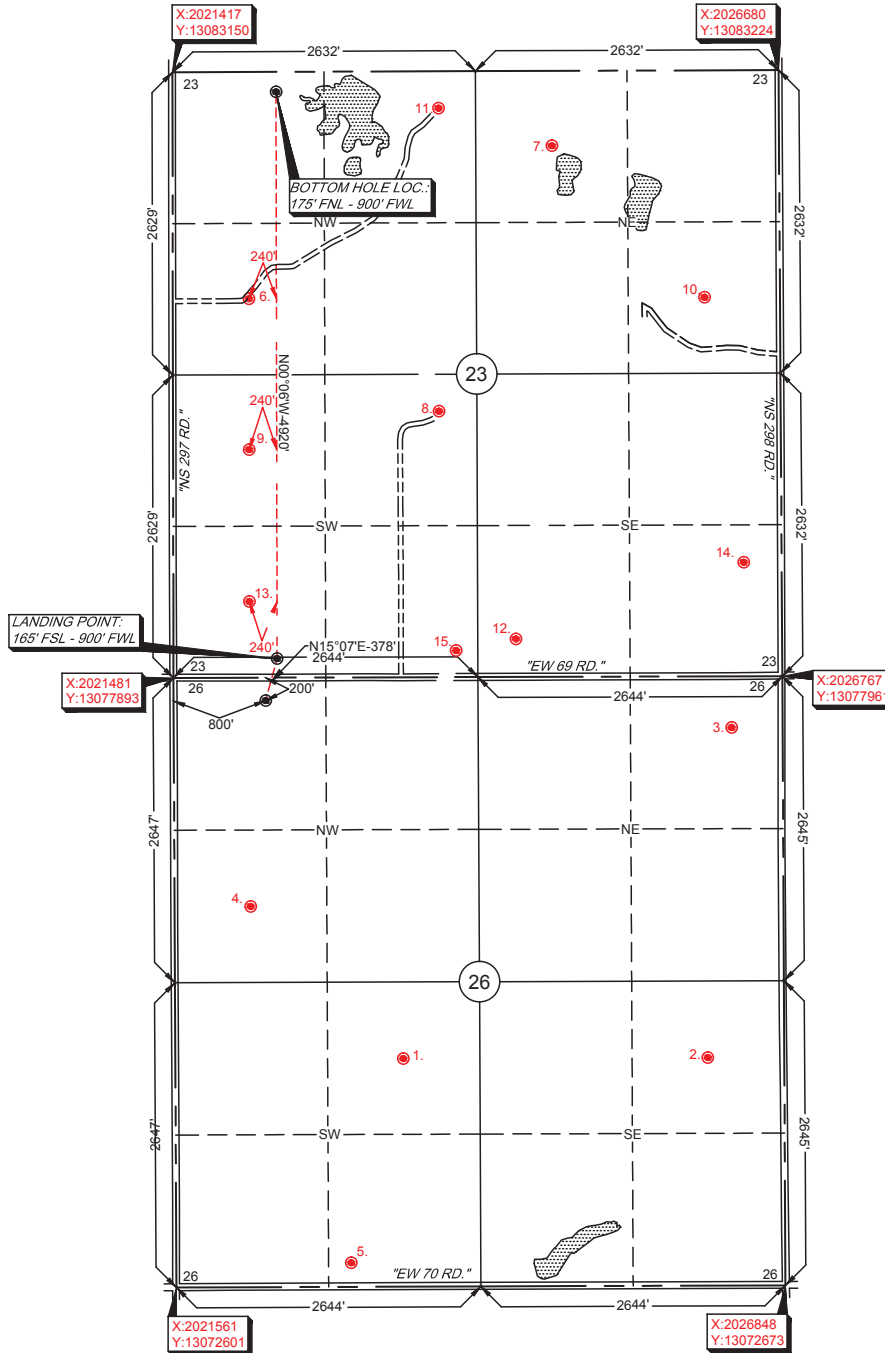


GPS DATUM  
 NAD 83  
 NAD 27  
 UTM - ZONE 14

Surface Hole Loc.:  
 Lat: 36°00'51.19"N  
 Lon: 97°42'31.44"W  
 Lat: 36.01417772  
 Lon: -97.70840559  
 X:2022284  
 Y:13077703

Landing Point:  
 Lat: 36°00'54.80"N  
 Lon: 97°42'30.23"W  
 Lat: 36.01518035  
 Lon: -97.70806808  
 X:2022379  
 Y:13078069

Bottom Hole Loc.:  
 Lat: 36°01'43.45"N  
 Lon: 97°42'30.16"W  
 Lat: 36.02869575  
 Lon: -97.70804980  
 X:2022319  
 Y:13082988

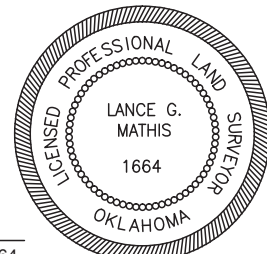


-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. The location of any monument is determined by the accuracy of any monument is determined. GPS data is obtained from RTK - GPS. -NOTE: 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. Quarter Section distances may be assumed from a Government Survey Plat or other reliable source. Distances shown hereon are for information only and do 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 02/27/18  
 OK LPLS 1664



Invoice #7585-A-B  
 Date Staked: 02/23/18 By: J.L.  
 Date Drawn: 02/26/18 By: K.B.