

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

API NUMBER: 073 25954

Approval Date: 03/05/2018

Expiration Date: 09/05/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 18N Rge: 5W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 305

Lease Name: CHUCK WAGON 18-05-21

Well No: 2MH

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

RANDALL STEVEN & MARTHA ELLEN GABRIEL  
18329 S. 54TH STREET  
HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	6318	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 632405

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800841  
201800237

Special Orders:

Total Depth: 11734

Ground Elevation: 1134

**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**

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-34043

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 21 Twp 18N Rge 5W County KINGFISHER

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 6262

Radius of Turn: 523

Direction: 360

Total Length: 4650

Measured Total Depth: 11734

True Vertical Depth: 6783

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

3/1/2018 - 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)

PENDING CD - 201800237

3/5/2018 - G60 - (21-18N-5W)  
X632405 MSNLC  
2 WELLS  
NO OP. NAMED  
REC. 1/29/18 (JOHNSON)

PENDING CD - 201800841

3/5/2018 - G60 - (I.O.) 21-18N-5W  
X632405 MSNLC, OTHERS  
COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 330 FWL  
NO OP. NAMED  
REC. 2/20/18 (JOHNSON)

SPACING - 632405

3/5/2018 - G60 - (640)(HOR) 21-18N-5W  
VAC 44960/62761 MSSLM E2, W2 NW4  
VAC 44960/57457/187911 MSSLM S2 SW4  
EXT 630796 MSNLC, OTHERS  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER # 62761 MSSLM E2 NW4 & ORDER # 187911 MSSLM N2 SW4)

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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 25954 CHUCK WAGON 18-05-21 2MH

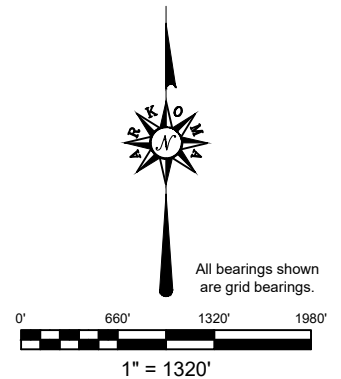


# Well Location Plat

S.H.L. Sec. 28-18N-5W I.M.  
B.H.L. Sec. 21-18N-5W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC  
Lease Name and No.: CHUCKWAGON 18-05-21 2MH  
Footage: 200' FNL - 305' FWL Gr. Elevation: 1134'  
N/2-NW/4-NW/4-NW/4 Section: 28 Township: 18N Range: 5W I.M.  
County: Kingfisher State of Oklahoma  
Terrain at Loc.: Location fell in an open, flat, cultivated field with an existing East-West right-of-way fence.

3507325954



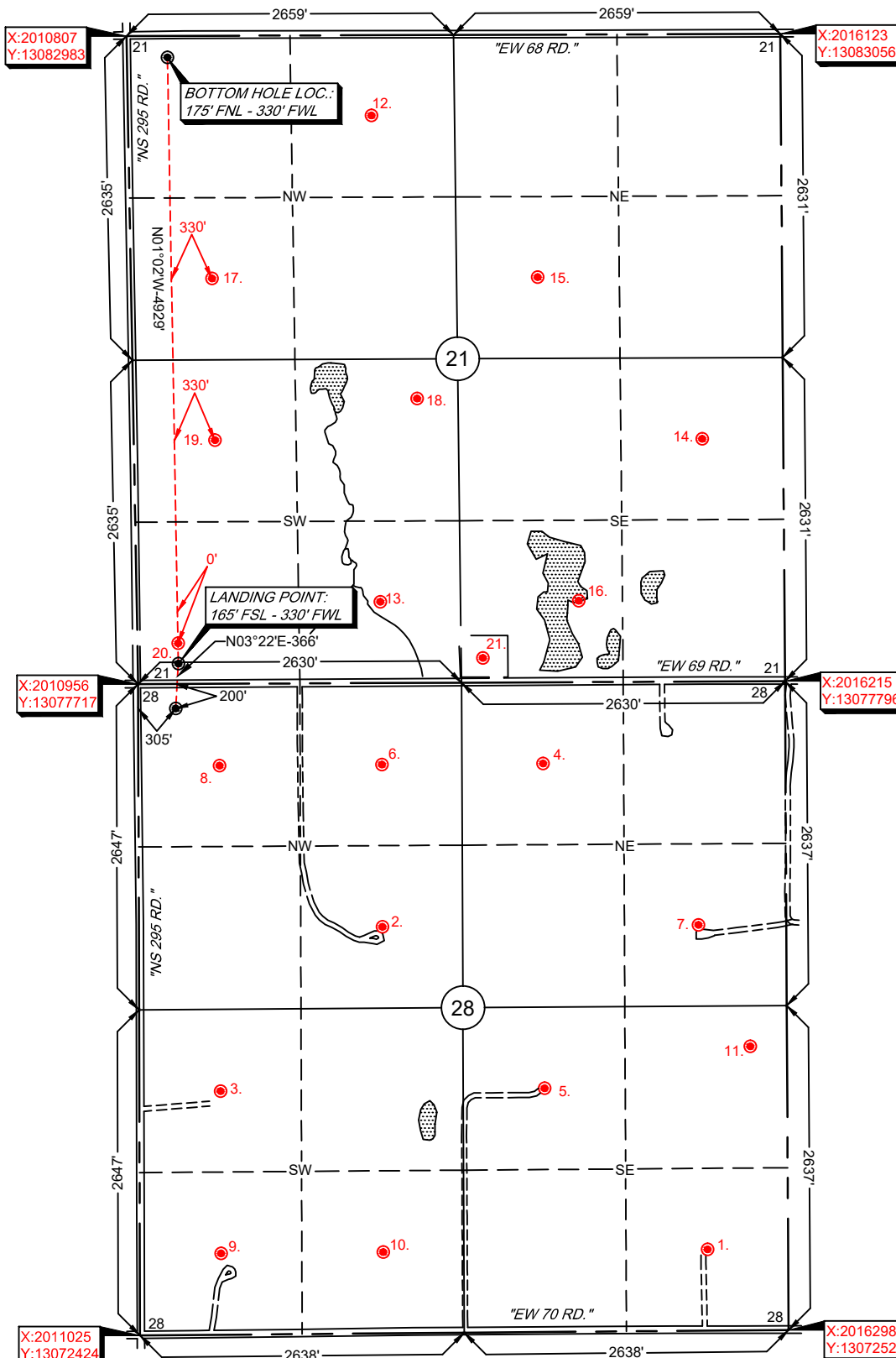
GPS DATUM  
NAD 83  
NAD 27  
UTM - ZONE 14

Surface Hole Loc.:  
Lat: 36°00'50.81"N  
Lon: 97°44'45.64"W  
Lat: 36.01407468  
Lon: -97.74568084  
X:2011263  
Y:13077522

Landing Point:  
Lat: 36°00'54.42"N  
Lon: 97°44'45.36"W  
Lat: 36.01507750  
Lon: -97.74560493  
X: 2011281  
Y: 13077887

Bottom Hole Loc.:  
Lat: 36°01'43.16"N  
Lon: 97°44'46.29"W  
Lat: 36.02861670  
Lon: -97.74586156  
X: 2011141  
Y: 13082813

-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 obtained from RTK - GPS. 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 occupation tiered, 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, 2018

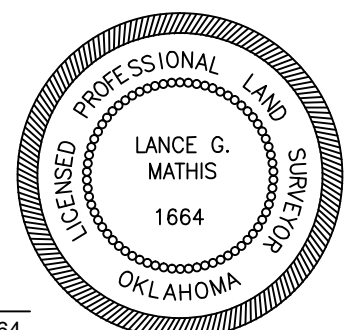
## Certification:

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 #7588-A-A  
Date Staked: 02/23/18 By: J.L.  
Date Drawn: 02/26/18 By: C.K.