

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

API NUMBER: 073 25845

Approval Date: 12/06/2017

Expiration Date: 06/06/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 17N Rge: 5W

County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 132 1026

Lease Name: SWINGMAN 17-05-27

Well No: 1MH

Well will be 132 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

KRISTI L. GANT REVOCABLE TRUST  
2755 RANCH ROAD  
ATHENS TX 75751

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6572	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 600336

Location Exception Orders: 669674

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11197

Ground Elevation: 1051

**Surface Casing: 260**

Depth to base of Treatable Water-Bearing FM: 210

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: 3500 Average: 1500

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: 17-33529

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 27 Twp 17N Rge 5W County KINGFISHER

Spot Location of End Point: SE SE SW SE

Feet From: SOUTH 1/4 Section Line: 175

Feet From: EAST 1/4 Section Line: 1350

Depth of Deviation: 6000

Radius of Turn: 390

Direction: 183

Total Length: 4584

Measured Total Depth: 11197

True Vertical Depth: 7000

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/27/2017 - 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)

LOCATION EXCEPTION - 669674

12/1/2017 - G60 - (I.O.) E2 27-17N-5W  
X60036 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330 FWL  
CHISHOLM OIL AND GAS OPERATING, LLC  
11/2/17

SPACING - 600336

12/1/2017 - G60 - (320) E2 27-17N-5W  
EST MSSP, OTHERS  
POE TO BHL NCT 660' FB  
(COEXIST WITH SP. ORDER 45316 E2 MSSLM) \*\*

\*\*S/B 45316/62716 FOR THE MSSLM, DRAFT OF NPT WAS SUBMITTED TO THE OCC BY ATTORNEY FOR OPERATOR AND HAS BEEN APPROVED BY OCC



# Well Location Plat

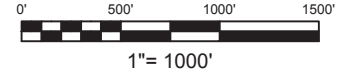
Sec. 27-17N-5W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC  
Lease Name and No.: SWINGMAN 17-05-27 1MH  
Footage: 132' FNL - 1026' FEL Gr. Elevation: 1051'  
Section: 27 Township: 17N Range: 5W I.M.  
County: Kingfisher State of Oklahoma  
Terrain at Loc.: Location fell on existing level pad site.

3507325845



All bearings shown  
are grid bearings.

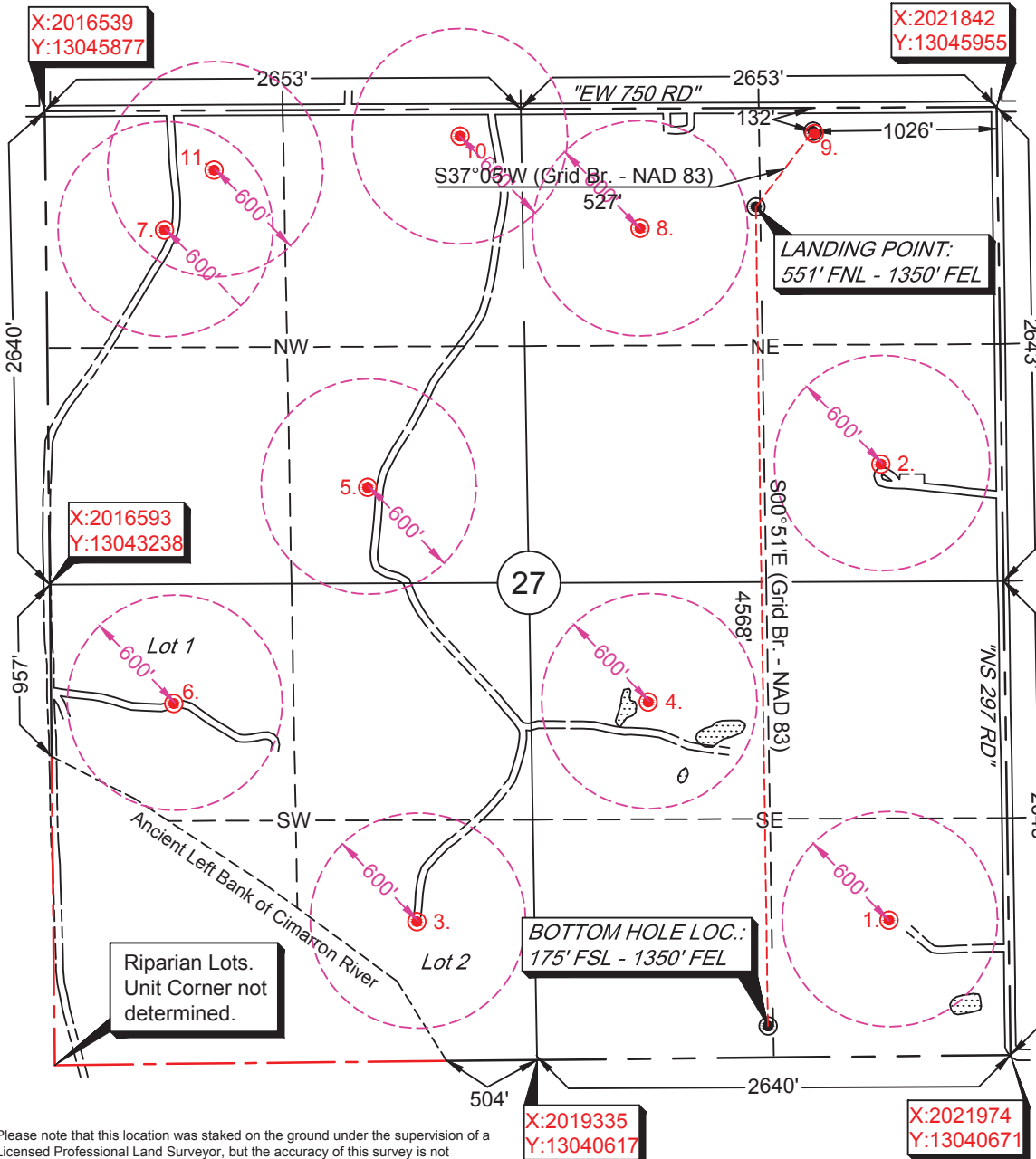


GPS DATUM  
NAD 83  
NAD 27  
UTM - ZONE 14

Surface Hole.:  
Lat: 35°55'35.92"N  
Lon: 97°42'54.37"W  
Lat: 35.92660015  
Lon: -97.7147704  
X:2020820  
Y:13045808

Landing Point.:  
Lat: 35°55'31.77"N  
Lon: 97°42'58.25"W  
Lat: 35.92544772  
Lon: -97.71585431  
X:2020507  
Y:13045384

Bottom Hole Loc.:  
Lat: 35°54'46.59"N  
Lon: 97°42'57.60"W  
Lat: 35.91289848  
Lon: -97.71567213  
X:2020621  
Y:13040818



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, 2018

Invoice #7356  
Date Staked: 09/11/17 By: C.K.  
Date Drawn: 10/03/17 By: C.K.  
Rev. LP & BHL: 10/06/17 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*  
LANCE G. MATHIS

10/06/17

OK LPLS 1664

