

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

API NUMBER: 073 26587

Approval Date: 06/14/2019
Expiration Date: 12/14/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 19N Rge: 9W County: KINGFISHER
SPOT LOCATION: NE NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 197 2476

Lease Name: EDDIE SUGGS 19-09-28 Well No: 1MH Well will be 197 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

JESSE C. AND JUDITH FAY KEPHART
BOX 155B
WATONGA OK 73772

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (LESS CHESTER)	7555	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902415
201902417

Special Orders:

Total Depth: 13517 Ground Elevation: 1147

Surface Casing: 150

Depth to base of Treatable Water-Bearing FM: 100

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: 8000 Average: 5000

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: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36673
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - SALT CREEK)

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 28 Twp 19N Rge 9W County KINGFISHER

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 155

Feet From: WEST 1/4 Section Line: 2476

Depth of Deviation: 7729

Radius of Turn: 521

Direction: 360

Total Length: 4970

Measured Total Depth: 13517

True Vertical Depth: 8250

End Point Location from Lease,
Unit, or Property Line: 155

Notes:

Category

Description

HYDRAULIC FRACTURING

5/30/2019 - 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 - 201902415

6/14/2019 - GB1 - (640)(HOR) 28-19N-9W
EXT OTHERS
EST MSNLC
COMPL. INT. NLT 660' FB
REC. 5/13/2019 (JOHNSON)

PENDING CD - 201902417

6/14/2019 - GB1 - (I.O.) 28-19N-9W
X201902415 MSNLC
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FWL
NO OP. NAMED
REC. 5/13/2019 (JOHNSON)



Well Location Plat

S.H.L. Sec. 33-19N-9W I.M.
B.H.L. Sec. 28-19N-9W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: EDDIE SUGGS 19-09-28 1MH

Footage: 197' FNL - 2476' FWL Gr. Elevation: 1147'

API 073-26587

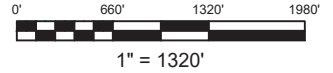
NE/4-NE/4-NE/4-NW/4 Section: 33 Township: 19N Range: 9W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell in a flat open field.



All bearings shown are grid bearings.



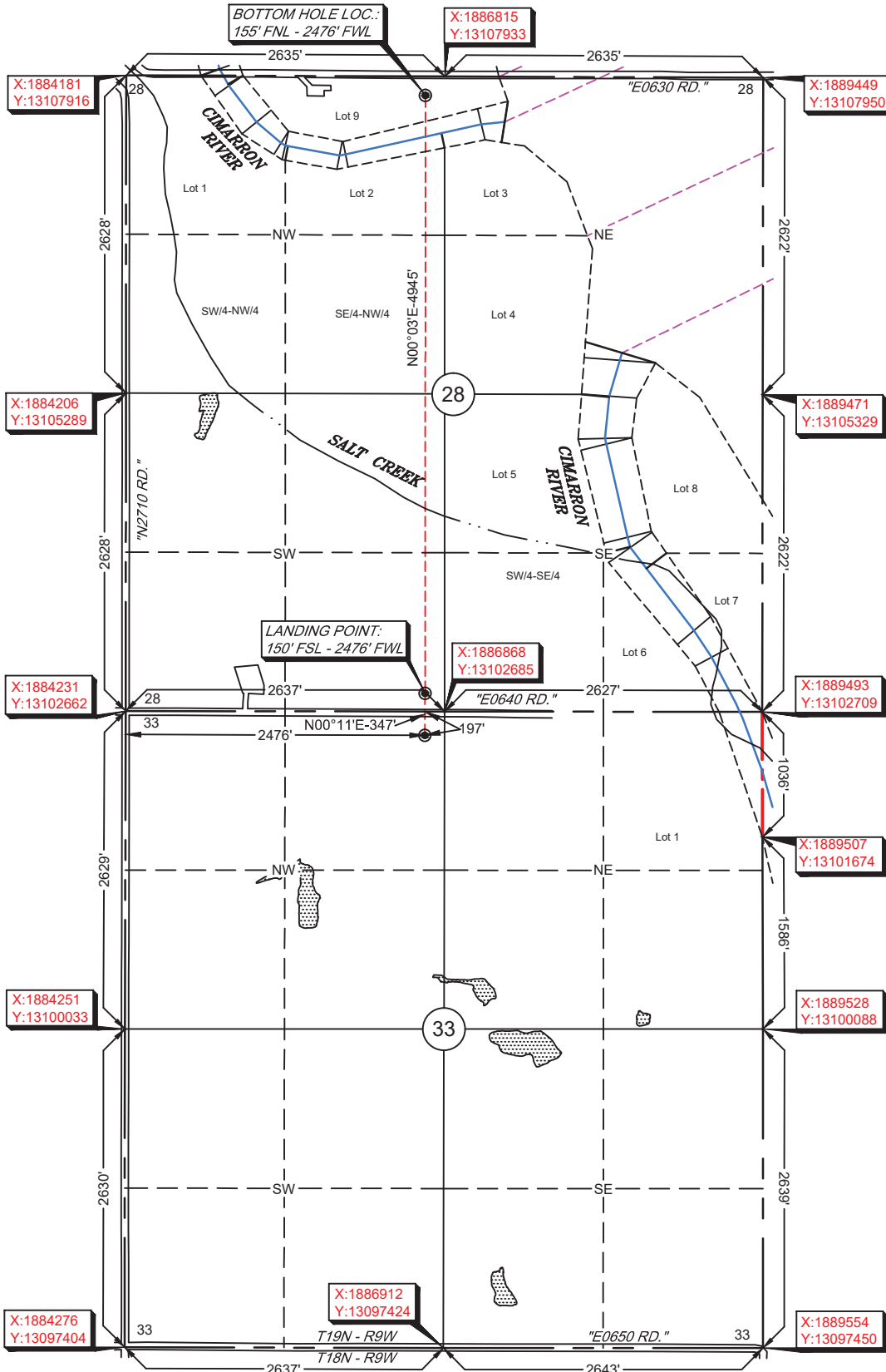
GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°05'10.95"N
Lon: 98°09'59.53"W
Lat: 36.08633912
Lon: -98.16619350
X:1886708
Y:13102486

Landing Point:
Lat: 36°05'14.39"N
Lon: 98°09'59.53"W
Lat: 36.08729356
Lon: -98.16619169
X:1886705
Y:13102834

Bottom Hole Loc.:
Lat: 36°06'03.30"N
Lon: 98°09'59.59"W
Lat: 36.10087845
Lon: -98.16620803
X:1886658
Y:13107777

-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 #8553

Date Staked: 03/21/19 By: D.K.

Date Drawn: 03/28/19 By: M.K.

Lease Name Change: 05/14/19 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

05/14/19

OK LPLS 1664

