

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

API NUMBER: 073 26195 A

Approval Date: 08/07/2018

Expiration Date: 02/07/2019

Horizontal Hole Disposal

Amend reason: OCC CORRECTION FOR BOTTOM-HOLE
LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 19N Rge: 9W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 350 210

Lease Name: TIMBER SWD

Well No: #1

Well will be 210 feet from nearest unit or lease boundary.

Operator
Name: COTTONMOUTH SWD LLC

Telephone: 9184886416

OTC/OCC Number: 24157 0

COTTONMOUTH SWD LLC
6100 S YALE AVE STE 1700
TULSA, OK 74136-1921

ROBERT & RHONDA STOTTS
13082 E. 660 RD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 WILCOX	8920	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11972

Ground Elevation: 1161

Surface Casing: 290

Depth to base of Treatable Water-Bearing FM: 240

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34985
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 25 Twp 19N Rge 9W County KINGFISHER

Spot Location of End Point: SW SW SW NE

Feet From: NORTH 1/4 Section Line: 2600

Feet From: EAST 1/4 Section Line: 2600

Depth of Deviation: 8345

Radius of Turn: 477

Direction: 230

Total Length: 2877

Measured Total Depth: 11972

True Vertical Depth: 9100

End Point Location from Lease,
Unit, or Property Line: 2600

Notes:

Category

Description

HYDRAULIC FRACTURING

8/1/2018 - 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; 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

SPACING

8/1/2018 - G71 - N/A - DISPOSAL WELL



Well Location Plat

Sec. 25-19N-9W I.M.

API 073-26195 A

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: TIMBER SWD #1

Footage: 350' FNL - 210' FEL Gr. Elevation: 1161'

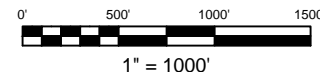
NE/4-NE/4-NE/4-NE/4 Section: 25 Township: 19N Range: 9W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell in rolling pasture with a fence and aerial power line to the North and East.



All bearings shown are grid bearings.



GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 36°06'00.98"N

Lon: 98°06'16.09"W

Lat: 36.10023502

Lon: -98.10412844

X:1904994

Y:13107706

Landing Point:

Lat: 36°05'58.09"N

Lon: 98°06'19.62"W

Lat: 36.09943327

Lon: -98.10510857

X:1904707

Y:13107412

Bottom Hole Loc.:

Lat: 36°05'38.61"N

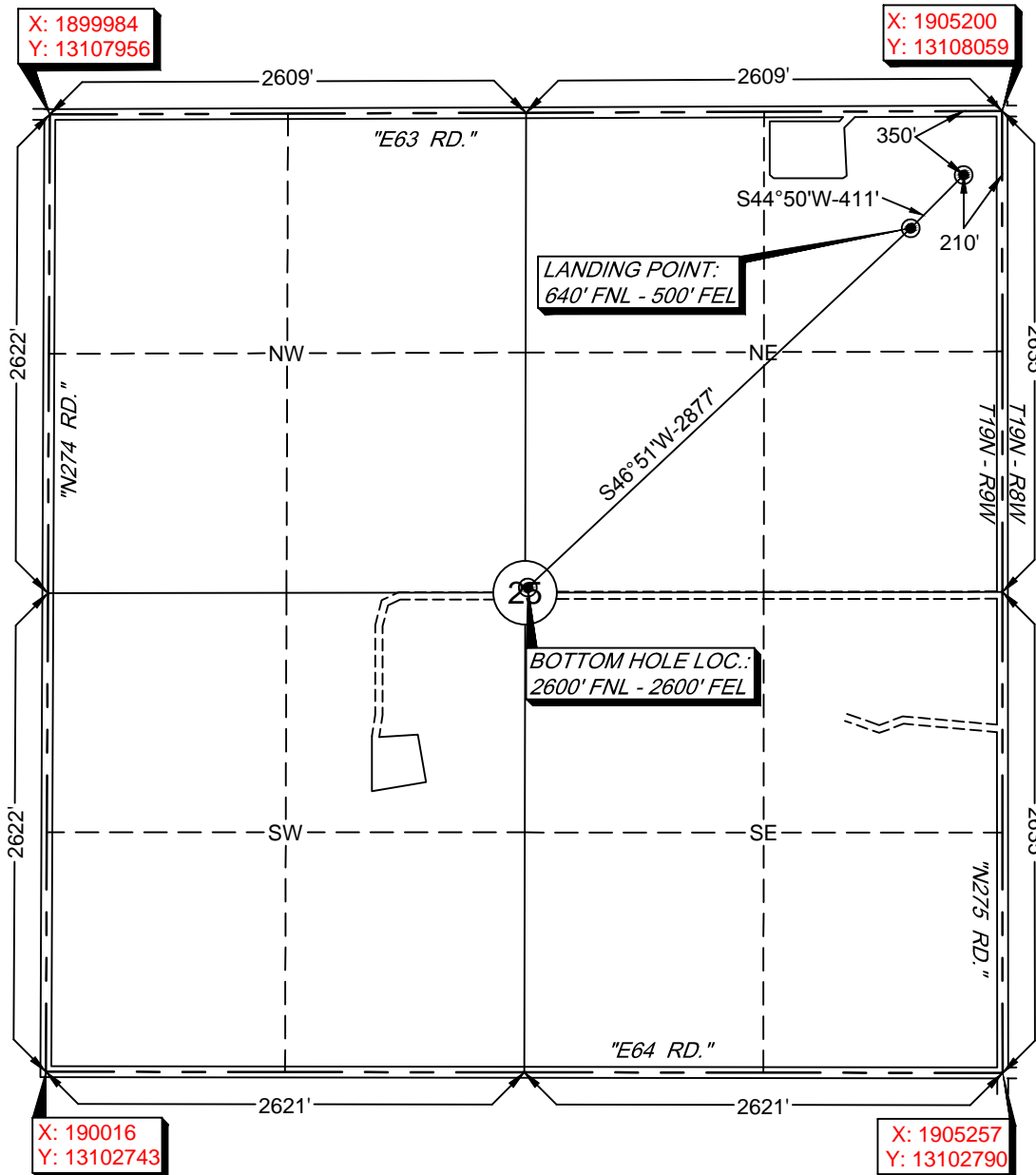
Lon: 98°06'45.17"W

Lat: 36.09402240

Lon: -98.11220629

X:1902629

Y:13105423



-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 #7895

Date Staked: 06/06/18 By: J.W.

Date Drawn: 06/07/18 By: J.D.

Revise Lease Name: 07/03/18 By: R.M.

Add LP & BHL: 07/16/18 By: J.K.

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

07/20/18

OK LPLS 1664

