

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

API NUMBER: 063 24734

Approval Date: 11/21/2017

Expiration Date: 05/21/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 7N Rge: 10E County: HUGHES
SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2405 2170

Lease Name: CLARA Well No: 3-12/13/24H Well will be 2170 feet from nearest unit or lease boundary.
Operator Name: TRINITY OPERATING (USG) LLC Telephone: 7139515351 OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC
601 TRAVIS ST STE 1900
HOUSTON, TX 77002-3253

JOHN D. WELCH
3237 N. 383 RD.
WETUMKA OK 74883

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

Name	Depth	Name	Depth
1 WOODFORD	4645	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 634258
629878

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707144
201706173
201706172
201707141
201704257
201707142

Special Orders:

Total Depth: 14770 Ground Elevation: 832

Surface Casing: 270

Depth to base of Treatable Water-Bearing FM: 220

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

Within 1 mile of municipal water well? N

H. SEE MEMO

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: CALVIN

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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.

PIT 2 INFORMATION

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: CALVIN

PIT 3 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: CALVIN

HORIZONTAL HOLE 1

Sec 24 Twp 7N Rge 10E County HUGHES

Spot Location of End Point: SE NE SE NW

Feet From: NORTH 1/4 Section Line: 1850

Feet From: WEST 1/4 Section Line: 2590

Depth of Deviation: 4300

Radius of Turn: 477

Direction: 175

Total Length: 9721

Measured Total Depth: 14770

True Vertical Depth: 4870

End Point Location from Lease,
Unit, or Property Line: 1850

Notes:

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063 24734 CLARA 3-12/13/24H

Category	Description
HYDRAULIC FRACTURING	<p>11/16/2017 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
MEMO	<p>11/16/2017 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201704257	<p>11/21/2017 - G75 - (640)(HOR) 12-7N-10E EXT OTHERS EXT 656817 WDFD, OTHER COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 10-4-2017 (MCKEOWN)</p>
PENDING CD - 201706172	<p>11/21/2017 - G75 - (I.O.) 12-7N-10E X201704257 WDFD 4 WELLS NO OP. NAMED REC 10-17-2017 (JOHNSON)</p>
PENDING CD - 201706173	<p>11/21/2017 - G75 - (I.O.) 13-7N-10E X634258 WDFD 4 WELLS NO OP. NAMED REC 10-17-2017 (JOHNSON)</p>
PENDING CD - 201707141	<p>11/21/2017 - G75 - (I.O.) 12, 13 & 24-7N-10E X201704257 WDFD, OTHERS 12-7N-10E X634258 WDFD, OTHERS 13-7N-10E X629878 WDFD, OTHERS 24-7N-10E COMPL. INT. (12-7N-10E) NCT 2640' FSL, NCT 0' FSL, NCT 2400' FWL COMPL. INT. (13-7N-10E) NCT 0' FNL, NCT 0' FSL, NCT 2400' FWL COMPL. INT. (24-7N-10E) NCT 0' FNL, NCT 2050' FNL, NCT 2400' FWL NO OP. NAMED REC 11-13-2017 (JOHNSON)</p>
PENDING CD - 201707142	<p>11/21/2017 - G75 - (I.O.) 24-7N-10E X629878 WDFD 2 WELLS NO OP. NAMED REC 11-13-2017 (JOHNSON)</p>
PENDING CD - 201707144	<p>11/21/2017 - G75 - (I.O.) 12, 13 & 24-7N-10E EST MULTIUNIT HORIZONTAL WELL X201704257 WDFD, OTHERS 12-7N-10E X634258 WDFD, OTHERS 13-7N-10E X629878 WDFD, OTHERS 24-7N-10E 27% 12-7N-10E 53% 13-7N-10E 20% 24-7N-10E NO OP. NAMED REC 11-13-2017 (JOHNSON)</p>
SPACING - 629878	<p>11/21/2017 - G75 - (640)(HOR) 24-7N-10E EXT 626170 WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 634258	<p>11/21/2017 - G75 - (640)(HOR) 13-7N-10E EXT 629878 WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>

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.



Well Location Plat

S.H.L. Sec. 12-7N-10E I.M.

B.H.L. Sec. 24-7N-10E I.M.

Operator: TRINITY OPERATING

Lease Name and No.: CLARA 3-12/13/24H

Footage: 2405' FNL - 2170' FWL Gr. Elevation: 832'

Section: 12 Township: 7N Range: 10E I.M.

County: Hughes State of Oklahoma

Terrain at Loc.: Location fell in scattered timber, East side of pad is 205' West of stake pipeline.

API 063-24734



All bearings shown are grid bearings.

0 750 1500 2250

1" = 1500'

GPS DATUM

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°05'40.56"N

Lon: 96°12'17.45"W

X: 2537002

Y: 645733

Landing Point:

Lat: 35°05'37.56"N

Lon: 96°12'12.39"W

X: 2537428

Y: 645437

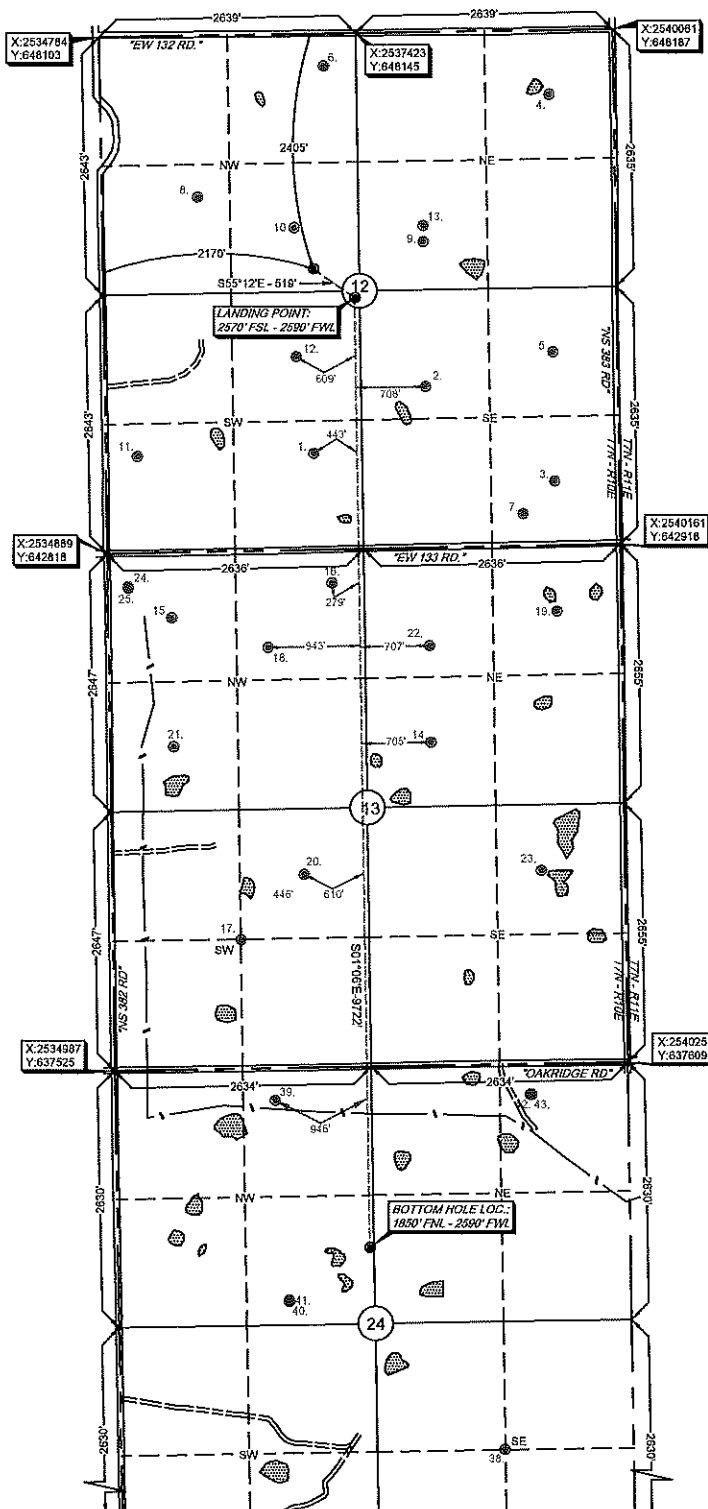
Bottom Hole Loc.:

Lat: 35°04'01.39"N

Lon: 96°12'12.22"W

X: 2537615

Y: 635716



Please note that this location was marked at the ground under the supervision of a Licensed Professional Land Surveyor. The accuracy of this survey is guaranteed by the surveyor. 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 opposite 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 #7328-A-D

Date Staked: 09/05/17 By: H.S.

Date Drawn: 09/07/17 By: C.K.

Rev. LP/BHL: 09/27/17 By: J.H.

Rev. BHL: 10/13/17 By: R.S.

Rev. Lease Name: 10/19/17 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

10/19/17

OK LPLS 1664

