

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

API NUMBER: 063 24735

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: ☐ NW ☐ NW ☐ NE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2320 998

Lease Name: CLARA Well No: 5-12/13H Well will be 998 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

RONNIE STRINGFELLOW
P.O. BOX 825
HOLDENVILLE OK 74848

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

Name	Depth	Name	Depth
1 WOODFORD	4680	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 634258

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706171
201706170
201706173
201706172
201704257

Special Orders:

Total Depth: 12416 Ground Elevation: 882 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

Type of Pit System: ON SITE
Type of Mud System: AIR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

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

H. SEE MEMO

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 13 Twp 7N Rge 10E County HUGHES

Spot Location of End Point: NW SE SE SE

Feet From: SOUTH 1/4 Section Line: 610

Feet From: EAST 1/4 Section Line: 578

Depth of Deviation: 4399

Radius of Turn: 477

Direction: 175

Total Length: 7268

Measured Total Depth: 12416

True Vertical Depth: 4893

End Point Location from Lease,
Unit, or Property Line: 578

Notes:

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.

063 24735 CLARA 5-12/13H

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 - 201706170	<p>11/21/2017 - G75 - (I.O.) 12 & 13-7N-10E EST MULTIUNIT HORIZONTAL WELL X201704257 WDFD, OTHERS 12-7N-10E X634258 WDFD, OTHERS 13-7N-10E 50% 12-7N-10E 50% 13-7N-10E NO OP. NAMED REC 10-17-2017 (JOHNSON)</p>
PENDING CD - 201706171	<p>11/21/2017 - G75 - (I.O.) 12 & 13-7N-10E X201704257 WDFD, OTHERS 12-7N-10E X634258 WDFD, OTHERS 13-7N-10E COMPL. INT. (12-7N-10E) NFT 2640' FSL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (13-7N-10E) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 10-17-2017 (JOHNSON)</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>
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. 13-7N-10E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: CLARA 5-12/13H
Footage: 2320' FSL - 998' FEL Gr. Elevation: 882'
Section: 12 Township: 7N Range: 10E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in a field.

API 063-24735



All bearings shown
are grid bearings

0 660 1320 1980

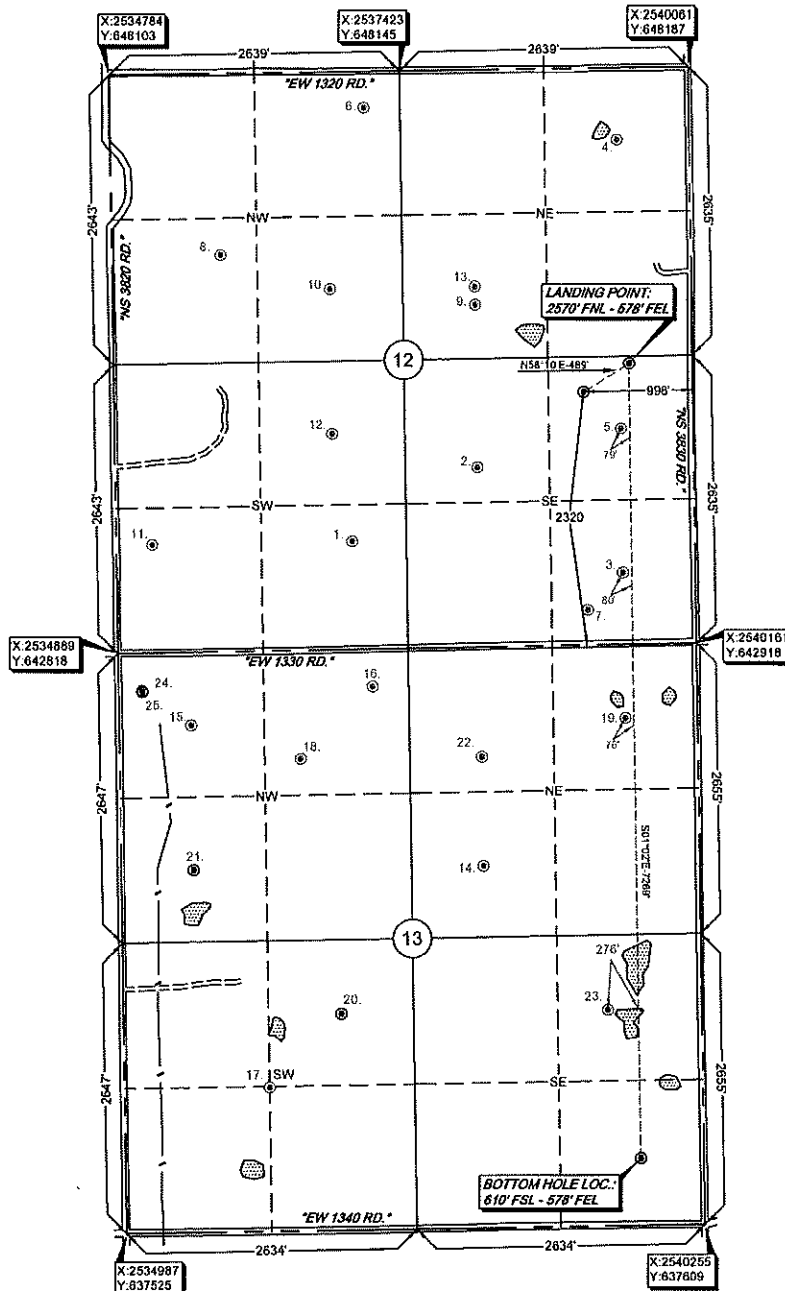
1"= 1320'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'35.10"N
Lon: 96°11'52.09"W
X: 2539119
Y: 646219

Landing Point:
Lat: 35°05'37.58"N
Lon: 96°11'47.04"W
X: 2539534
Y: 645477

Bottom Hole Loc.:
Lat: 35°04'25.68"N
Lon: 96°11'47.01"W
X: 2539666
Y: 638209



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. 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 true bearing and distance. The surveyor does not represent a true boundary survey, 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 #7329-D
Date Staked: 08/31/17 By: H.S.
Date Drawn: 09/07/17 By: K.B.
Rev. BHL & LP: 09/27/17 By: C.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

09/29/17

OK LPLS 1664

