

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

API NUMBER: 063 24729

Approval Date: 11/20/2017

Expiration Date: 05/20/2018

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: 2360 2170

Lease Name: FRANCES

Well No: 2-12/1H

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 | 4580  | 6    |       |
| 2          |       | 7    |       |
| 3          |       | 8    |       |
| 4          |       | 9    |       |
| 5          |       | 10   |       |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704259  
201704252  
201704257

Special Orders:

Total Depth: 12913

Ground Elevation: 831

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 01 Twp 7N Rge 10E County HUGHES

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 1634

Depth of Deviation: 4329

Radius of Turn: 477

Direction: 355

Total Length: 7835

Measured Total Depth: 12913

True Vertical Depth: 4580

End Point Location from Lease,  
Unit, or Property Line: 1

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 24729 FRANCES 2-12/1H

| 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p> |
| MEMO                   | <p>11/16/2017 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM &amp; OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>  |
| PENDING CD - 201704252 | <p>11/20/2017 - G75 - (I.O.) 12 &amp; 1-7N-10E<br/> X201704257 WDFD, OTHERS<br/> COMPL. INT. (12-7N-10E) NCT 2640' FSL, NCT 0' FNL, NCT 1400' FWL<br/> COMPL. INT (1-7N-10E) NCT 0' FSL, NCT 165' FNL, NCT 1400' FWL<br/> NO OP. NAMED<br/> REC 10-4-2017 (MCKEOWN)</p>  |
| PENDING CD - 201704257 | <p>11/20/2017 - G75 - (640)(HOR) 12 &amp; 1-7N-10E<br/> EXT OTHERS<br/> EXT 656817 WDFD, OTHER<br/> COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL<br/> REC 10-4-2017 (MCKEOWN)</p>  |
| PENDING CD - 201704259 | <p>11/20/2017 - G75 - (I.O.) 12 &amp; 1-7N-10E<br/> EST MULTIUNIT HORIZONTAL WELL<br/> X201704257 WDFD, OTHERS<br/> 34% 12-7N-10E<br/> 66% 1-7N-10E<br/> NO OP. NAMED<br/> REC 10-4-2017 (MCKEOWN)</p>   |



# Well Location Plat

S.H.L. Sec. 12-7N-10E I.M.  
B.H.L. Sec. 1-7N-10E I.M.

Operator: TRINITY OPERATING

API 063-24729

Lease Name and No.: FRANCES 2-12/1H

Footage: 2360' FNL - 2170' FWL Gr. Elevation: 831'

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.



All bearings shown  
are grid bearings

0 550 1100 1650

1" = 1320'

GPS DATUM

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°05'41.00"N

Lon: 96°12'17.45"W

X: 2537001

Y: 645778

Landing Point:

Lat: 35°05'38.94"N

Lon: 96°12'23.90"W

X: 2536469

Y: 645559

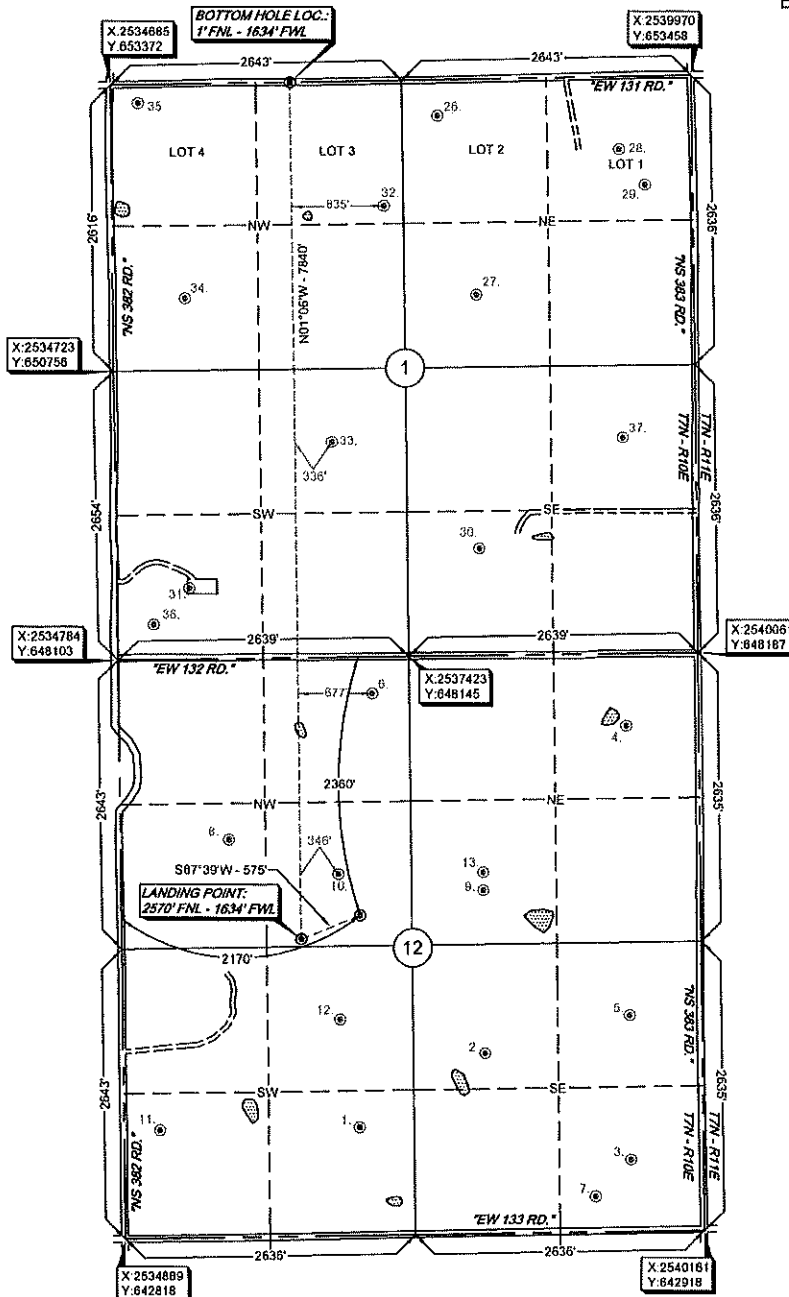
Bottom Hole Loc.:

Lat: 35°06'56.48"N

Lon: 96°12'24.03"W

X: 2536319

Y: 653397



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, and 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. Outdated Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from the nearest corner, 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  
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.

## 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

10/02/17

OK LPLS 1664

