

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

API NUMBER: 063 24757

Approval Date: 01/23/2018

Expiration Date: 07/23/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 7N Rge: 10E

County: HUGHES

SPOT LOCATION: ☐ NW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 350 665

Lease Name: FRANCES

Well No: 1-12/1H

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING (USG) LLC

Telephone: 9185615631

OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC  
1717 S BOULDER AVE STE 201  
TULSA, OK 74119-4842

PHILLIP LANKFORD, JUDY LANKFORD, TONYA DEAN  
1953 W. 49TH ST.  
TULSA OK 74107

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

Name	Depth	Name	Depth
1 WOODFORD	4665	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671020

Location Exception Orders:

Increased Density Orders: 672032

Pending CD Numbers: 201707036  
201707037  
201707035

Special Orders:

Total Depth: 15374

Ground Elevation: 903

**Surface Casing: 300**

Depth to base of Treatable Water-Bearing FM: 200

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

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: 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).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

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: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 578

Depth of Deviation: 3918

Radius of Turn: 750

Direction: 355

Total Length: 10278

Measured Total Depth: 15374

True Vertical Depth: 4665

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

Notes:

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063 24757 FRANCES 1-12/1H

Category	Description
HYDRAULIC FRACTURING	<p>1/18/2018 - 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>
INCREASED DENSITY - 672032	<p>1/22/2018 - G75 - 12-7N-10E X671020 WDFD 1 WELL TRINITY OP. (USG), LLC 1-10-2018</p>
MEMO	<p>1/18/2018 - 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 - 201707035	<p>1/22/2018 - G75 - (I.O.) 12 &amp; 1-7N-10E EST MULTIUNIT HORIZONTAL WELL X671020 WDFD, OTHERS 50% 12-7N-10E 50% 1-7N-10E NO OP. NAMED REC 11-6-2017 (MCKEOWN)</p>
PENDING CD - 201707036	<p>1/22/2018 - G75 - (I.O.) 12 &amp; 1-7N-10E X671020 WDFD, OTHERS COMPL. INT. (1-7N-10E) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL ** COMPL. INT. (12-7N-10E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL ** NO OP. NAMED REC 11-6-2017 (MCKEOWN)</p> <p>** ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201707037	<p>1/22/2018 - G75 - 1-7N-10E X671020 WDFD 1 WELL NO OP. NAMED REC 11-6-2017 (MCKEOWN)</p>
SPACING - 671020	<p>1/22/2018 - G75 - (640)(HOR) 12 &amp; 1-7N-10E EXT OTHERS EXT 656817 WDFD, OTHER COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL</p>

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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.

**TRINITY OPERATING** *Well Location Plat*

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

Operator: TRINITY OPERATING

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

API 063-24757

Footage: 350' FSL - 665' FWL Gr. Elevation: 903'

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

County: Hughes State of Oklahoma

Terrain at Loc.: Location fell in pasture with timber in areas sloping to the Southeast, Northeast and Northwest.



All bearings shown  
are odd bearings.

0 660' 1320' 1980'

1" = 1320'

GPS DATUM

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°05'15.57"N

Lon: 96°12'

X: 2535547

Y: 643181

Landing Point:

Lat: 35°05'14.78"N

Lon: 96°12'36.54"W

X: 2535462

Y: 643099

1. 043059

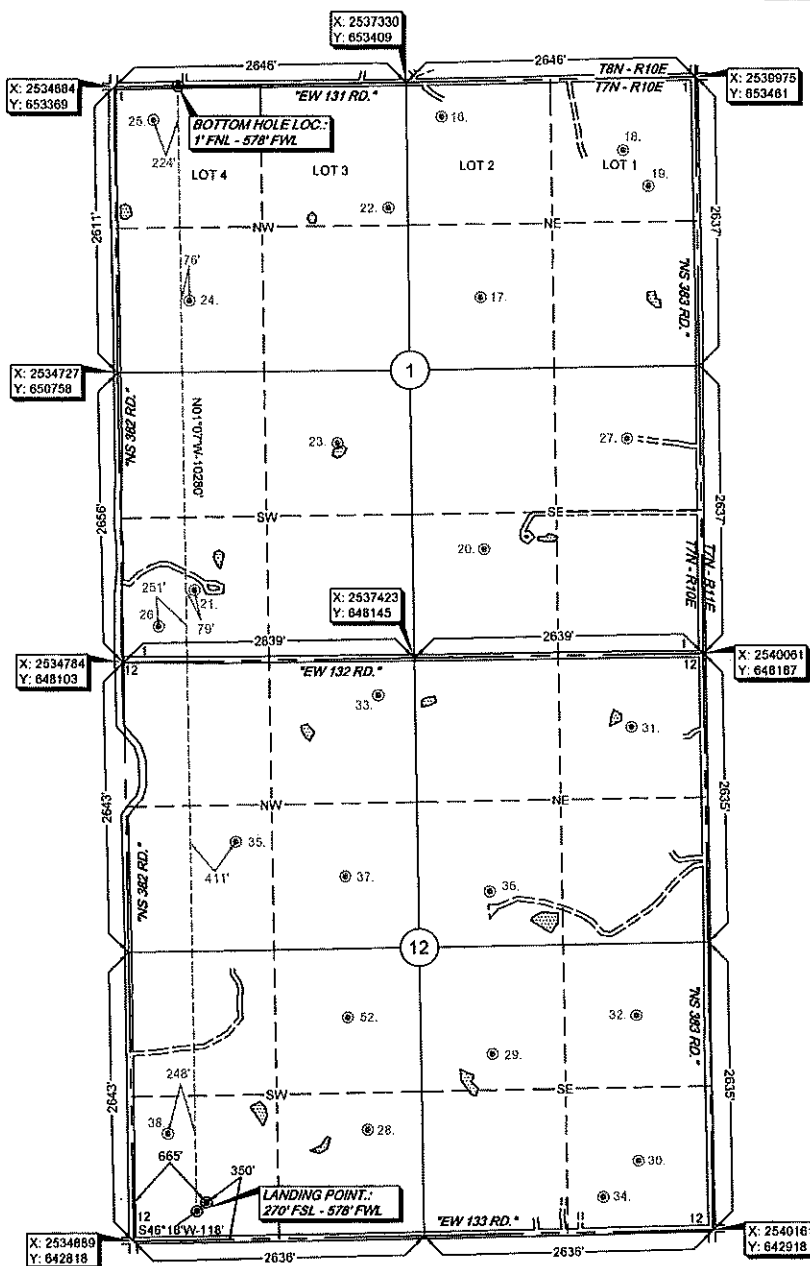
Bottom Hole Loc.:  
L-1: 25800150 10"

Lat: 35°06'56.46"N  
Long: 06°42'26.75"E

Lon: 96°12'  
Y: 2525252

X: 253526  
Y: 050073

Y: 653377

[illegible]

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 #7469-A-A  
Date Staked: 12/07/17 By: H.S.  
Date Drawn: 12/12/17 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

12/18/17

OK LPLS 1664

