

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

API NUMBER: 121 24856

Approval Date: 08/06/2019

Expiration Date: 02/06/2021

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 8N Rge: 17E County: PITTSBURG
SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 525 1245

Lease Name: FANNIE Well No: 2-1/12H Well will be 525 feet from nearest unit or lease boundary.
Operator Name: TRINITY OPERATING (USG) LLC Telephone: 9185615600 OTC/OCC Number: 23879 0

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

J & V INVESTMENT, LLC
1832 WOOD RD
MCALESTER OK 74501

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

Name	Depth	Name	Depth
1 WOODFORD	7797	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 698441
699415

Location Exception Orders:

Increased Density Orders: 698185
698184

Pending CD Numbers: 201901856
201901858

Special Orders:

Total Depth: 18616 Ground Elevation: 883 Surface Casing: 260 Depth to base of Treatable Water-Bearing FM: 210

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.
B. Solidification of pit contents.

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 not 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 NON HSA

Pit Location Formation: BOGGY

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 12 Twp 7N Rge 17E County PITTSBURG

Spot Location of End Point: SW SW SW SE

Feet From: SOUTH 1/4 Section Line: 26

Feet From: EAST 1/4 Section Line: 2621

Depth of Deviation: 7552

Radius of Turn: 621

Direction: 187

Total Length: 10088

Measured Total Depth: 18616

True Vertical Depth: 8117

End Point Location from Lease,
Unit, or Property Line: 26

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.

121 24856 FANNIE 2-1/12H

Category	Description
HYDRAULIC FRACTURING	<p>7/30/2019 - 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>
INCREASED DENSITY - 698184	<p>8/5/2019 - GB1 - 1-7N-17E X697084 WDFD** 2 WELLS TRINITY OPERATING (USG), LLC 6/21/2019</p> <p>**WILL BE CORRECTED TO 699415 PER ATTORNEY FOR OPERATOR AT FINAL HEARING;</p>
INCREASED DENSITY - 698185	<p>8/5/2019 - GB1 - 12-7N-17E X697085 WDFD** 2 WELLS TRINITY OPERATING (USG), LLC 6/21/2019</p> <p>**WILL BE CORRECTED TO 698441 PER ATTORNEY FOR OPERATOR AT FINAL HEARING;</p>
MEMO	<p>7/30/2019 - 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 - 201901856	<p>8/5/2019 - GB1 - (I.O.) 1 & 12-7N-17E EST MULTIUNIT HORIZONTAL WELL X699415 WDFD 1-7N-17E X698441 WDFD 12-7N-17E 50% 1-7N-17E 50% 12-7N-17E NO OP. NAMED REC. 4/15/2019 (JOHNSON)</p>
PENDING CD - 201901858	<p>8/5/2019 - GB1 - (I.O.) 1 & 12-7N-17E X699415 WDFD 1-7N-17E X698441 WDFD 12-7N-17E COMPL. INT. (1-7N-17E) NCT 165' FNL, NCT 0' FSL, NCT 2200' FEL COMPL. INT. (12-7N-17E) NCT 0' FNL, NCT 165' FSL, NCT 2200' FEL NO OP. NAMED REC. 4/15/2019 (JOHNSON)</p>
SPACING - 698441	<p>8/5/2019 - GB1 - (640)(HOR) 12-7N-17E EXT 676459 WDFD, OTHERS POE TO BHL NLT 165' FNL/FSL, NLT 330' FEL/FWL</p>
SPACING - 699415	<p>8/5/2019 - GB1 - (640)(HOR) 1-7N-17E EXT 676459 WDFD, OTHERS POE TO BHL NLT 165' FNL/FSL, NLT 330' FEL/FWL</p>

Well Location Plat

Terrain at Loc.: Location fell in a field with scattered timber.

B.H.L. Sec. 12-7N-17E I.M.



All bearings shown
are grid bearings.


$$1'' \approx 1500'$$

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°07'05.19"N
Lon: 95°27'31.11"W
Lat: 35.11810836
Lon: -95.45864249
X: 2759966
Y: 659081

Section 1 Crossing:
Lat: 35°06'59.95"N
Lon: 95°27'47.28"W
Lat: 35.11665404
Lon: -95.46313197
X: 2758637
Y: 658518

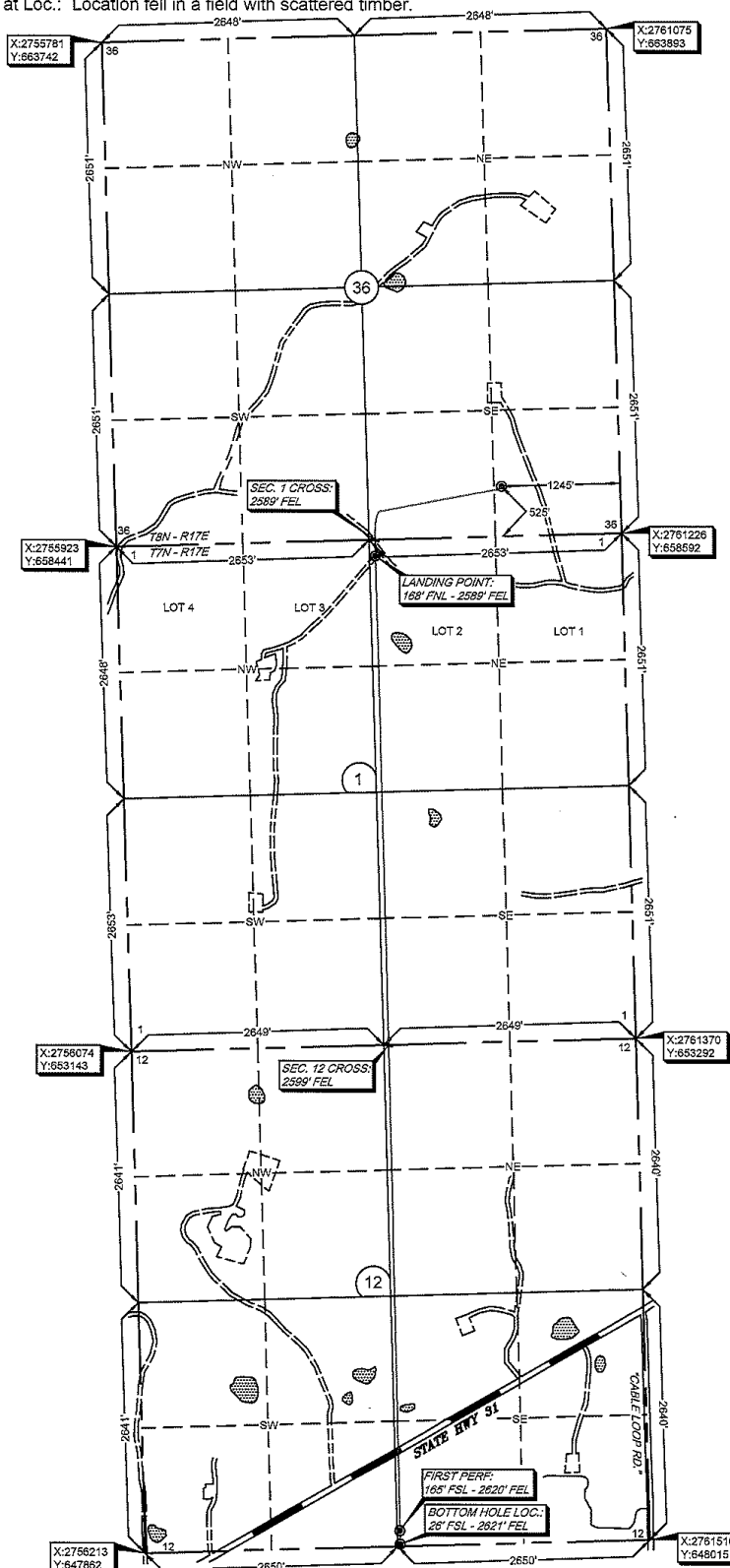
Landing Point:
Lat: 35°06'58.30"N
Lon: 95°27'47.27"W
Lat: 35.11619340
Lon: -95.46313099
X: 2758642
Y: 658351

Section 12 Crossing:
Lat: 35°06'07.52"N
Lon: 95°27'47.25"W
Lat: 35.10208893
Lon: -95.46312614
X: 2758772
Y: 653219

First Perf:
Lat: 35°05'16.92"N
Lon: 95°27'47.42"W
Lat: 35.08803294
Lon: -95.46317125
X: 2758887
Y: 648104

Bottom Hole Loc.:
Lat: 35°05'15.54"N
Lon: 95°27'47.42"W
Lat: 35.08765102
Lon: -95.46317317
X: 2758890
Y: 647965


—Hence note that this location was situated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. "Hearsa could Admin Surveying and Mapping promptly if any misconception is determined. (SRS call is denoted from RTR - GRS). NOTE: A "X" mark delineated the location of the survey. The survey was conducted by a licensed land surveyor (LMS) from the State Surveying Surveyor Station. Distances may be assumed from a Government Survey Plot or assumed a proportional 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 #8610-B
Date Staked: 04/23/19 By: H.S.
Date Drawn: 05/02/19 By: C.K.
Revised SHL: 06/26/19 By: K.M.
Added LP/FP/BHL: 7/22/19 By: J.H.
Rev. Lease Name: 7/25/19 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

07/25/19

OK LPLS 1664

