

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

API NUMBER: 121 24869

Approval Date: 11/27/2019
Expiration Date: 05/27/2021

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 7N Rge: 18E County: PITTSBURG
SPOT LOCATION: NW NW SE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1600 1225

Lease Name: **CARNEY** Well No: **1-17/20H** Well will be **1225** feet from nearest unit or lease boundary.
Operator **TRINITY OPERATING USG LLC** Telephone: 9185615600 OTC/OCC Number: 23879 0
Name:

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

FOUR-F RANCH PARTNERSHIP
P.O. BOX 490
QUINTON OK 74561

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7421	6	
2	WOODFORD	7728	7	
3	HUNTON	7813	8	
4			9	
5			10	

Spacing Orders: 665900 Location Exception Orders: Increased Density Orders: 685340
704864
685339
705079

Pending CD Numbers: 201905127
201905128

Special Orders:

Total Depth: 17567 Ground Elevation: 630 **Surface Casing: 120** Depth to base of Treatable Water-Bearing FM: 70

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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.
- B. Solidification of pit contents.

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 18 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 20 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: SW SE NW SW

Feet From: SOUTH 1/4 Section Line: 1360

Feet From: WEST 1/4 Section Line: 830

Depth of Deviation: 9262

Radius of Turn: 815

Direction: 175

Total Length: 7025

Measured Total Depth: 17567

True Vertical Depth: 7840

End Point Location from Lease,
Unit, or Property Line: 830

Notes:

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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.

Category	Description
HYDRAULIC FRACTURING	11/18/2019 - G71 - OCC 165:10-3-10 REQUIRES: 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; 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: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 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
INCREASED DENSITY - 685340	11/26/2019 - GB6 - (I.O.) 20-7N-18E X665900 MSSP, WDFD, HNTN 2 WELLS TRINITY OPERATING (USG), LLC 10/22/2018
INCREASED DENSITY - 68539	11/26/2019 - GB6 - (I.O.) 17-7N-18E X665900 MSSP, WDFD, HNTN 2 WELLS TRINITY OPERATING (USG), LLC 10/22/2018
INCREASED DENSITY - 704864	11/26/2019 - GB6 - EXTENSION OF ORDER # 685340 UNTIL 10/22/2020.
INCREASED DENSITY - 705079	11/26/2019 - GB6 - EXTENSION OF ORDER # 685339 UNTIL 10/22/2020.
MEMO	11/18/2019 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SAN BOIS CREEK), WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR
PENDING CD - 201905127	11/26/2019 - GB6 - (I.O.) 17 & 20 -7N-18E EST MULTIUNIT HORIZONTAL WELL X665900 MSSP, WDFD, HNTN (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 57% 17-7N-18E 43% 20-7N-18E NO OP. NAMED REC. 11/04/2019 (JOHNSON)
PENDING CD - 201905128	11/26/2019 - GB6 - (I.O.) 17 & 20 -7N-18E X665900 MSSP, WDFD, HNTN COMPL. INT. (17-7N-18E) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (20-7N-18E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC. 11/04/2019 (JOHNSON)
SPACING - 665900	11/26/2019 - GB6 - (640)(HOR) 17 & 20 -7N-18E EST MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL

This permit does not address the right of entry or settlement of surface damages.
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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.



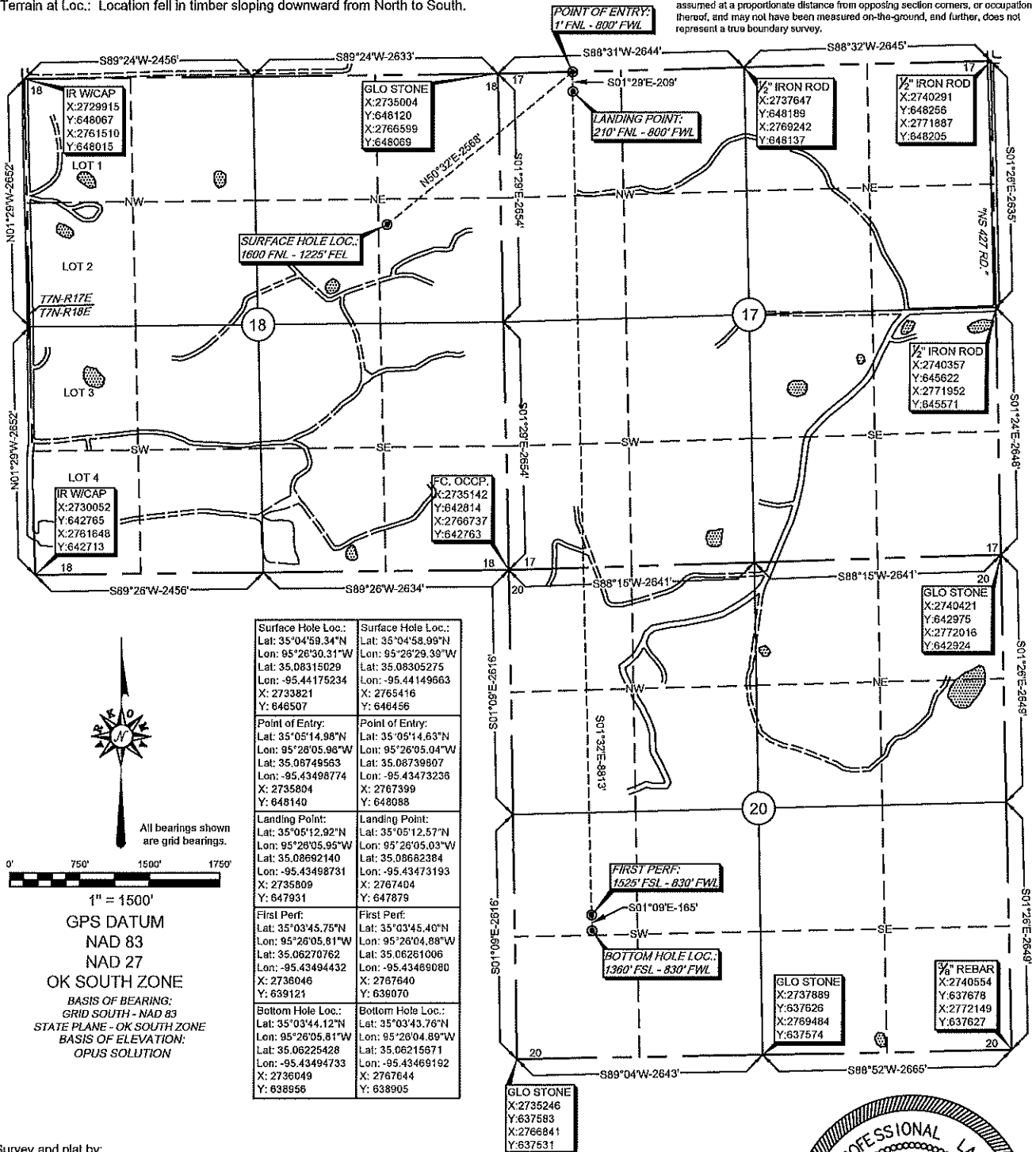
Well Location Plat

S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 20-7N-18E I.M.

Operator: Operator: TRINITY OPERATING
Lease Name and No.: CARNEY 1-17/20H
Footage: 1600' FNL - 1225' FEL Gr. Elevation: 630'
Section: 18 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber sloping downward from North to South.

121-24869

-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. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: X and Y data shown hereon 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 opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Surface Hole Loc.: Lat: 35°04'59.34"N Lon: 95°26'30.31"W Lat: 35.08315029 Lon: -95.44175234 X: 2733821 Y: 646507	Surface Hole Loc.: Lat: 35°04'58.99"N Lon: 95°26'29.39"W Lat: 35.08305275 Lon: -95.44149663 X: 2765416 Y: 646456
Point of Entry: Lat: 35°05'14.98"N Lon: 95°26'05.96"W Lat: 35.08749563 Lon: -95.43498774 X: 2735804 Y: 648140	Point of Entry: Lat: 35°05'14.63"N Lon: 95°26'05.04"W Lat: 35.08739807 Lon: -95.43473236 X: 2767399 Y: 648088
Landing Point: Lat: 35°05'12.92"N Lon: 95°26'05.95"W Lat: 35.08692140 Lon: -95.43498731 X: 2735809 Y: 647931	Landing Point: Lat: 35°05'12.57"N Lon: 95°26'05.03"W Lat: 35.08682384 Lon: -95.43473193 X: 2767404 Y: 647879
First Perf.: Lat: 35°03'45.75"N Lon: 95°26'05.81"W Lat: 35.06270762 Lon: -95.43494432 X: 2736046 Y: 639121	First Perf.: Lat: 35°03'45.40"N Lon: 95°26'04.89"W Lat: 35.06261006 Lon: -95.43469080 X: 2767640 Y: 639070
Bottom Hole Loc.: Lat: 35°03'44.12"N Lon: 95°26'05.81"W Lat: 35.06225428 Lon: -95.43494733 X: 2736049 Y: 638956	Bottom Hole Loc.: Lat: 35°03'43.76"N Lon: 95°26'04.89"W Lat: 35.06215671 Lon: -95.43469192 X: 2767644 Y: 638905

All bearings shown are grid bearings.

1" = 1500'

GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE
BASIS OF BEARING:
GRID SOUTH - NAD 83
STATE PLANE - OK SOUTH ZONE
BASIS OF ELEVATION:
OPUS SOLUTION

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 #7449-A-B
Date Staked: 05/17/18 By: H.S.
Date Drawn: 05/24/18 By: J.H.
Revised POE, LP & BHL: 11/08/19 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 11/11/19
OK LPLS 1664

