

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

API NUMBER: 121 24870

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: 1620 1225

Lease Name: BERNICE Well No: 3-7/6H Well will be 1225 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

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	7400	6	
2	WOODFORD	7707	7	
3	HUNTON	7782	8	
4	SYLVAN	7792	9	
5			10	

Spacing Orders: 675017 Location Exception Orders: Increased Density Orders: 693531  
693532

Pending CD Numbers: 201905123  
201905124

Special Orders:

Total Depth: 18646 Ground Elevation: 629 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 06 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 2

Feet From: EAST 1/4 Section Line: 831

Depth of Deviation: 7310

Radius of Turn: 573

Direction: 5

Total Length: 10436

Measured Total Depth: 18646

True Vertical Depth: 7792

End Point Location from Lease,  
Unit, or Property Line: 2

Notes:

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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INCREASED DENSITY - 693531	11/26/2019 - GB6 - 6-7N-18E X675017 WDFD 2 WELLS TRINITY OPERATING (USG), LLC 03/27/2019
INCREASED DENSITY - 693532	11/26/2019 - GB6 - 7-7N-18E X675017 WDFD 2 WELLS TRINITY OPERATING (USG), LLC 03/27/2019
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 - 201905124	11/26/2019 - GB6 - (I.O.) 6 & 7 -7N-18E X675017 MSSP, WDFD, HNTN,SLVN COMPL. INT. (7-7N-18E) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (6-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 330'FEL NO OP. NAMED REC. 11/04/2019 (JOHNSON)
PENDING CD – 201905123	11/26/2019 - GB6 - (I.O.) 6 & 7 -7N-18E EST MULTIUNIT HORIZONTAL WELL X675017 MSSP, WDFD, HNTN, SLVN (MSSP, HNTN, SLVN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD. IN THIS AREA THE HNTN THICKNESS IS ERRATIC THEREFORE THE SLVN IS CONSIDERED AN ADJACENT COMMON SOURCE OF SUPPLY) 50% 6-7N-18E 50% 7-7N-18E NO OP. NAMED REC. 11/04/2019 (JOHNSON)
SPACING – 675017	11/26/2019 - GB6 - (640)(HOR) 6 & 7 -7N-18E EXT 665900 MSSP, WDFD, HNTN EST SLVN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (SLVN) NCT 330' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER # 99845 HNTN)

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. 6-7N-18E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: BERNICE 3-7/6H  
Footage: 1620' FNL - 1225' FEL Gr. Elevation: 629'  
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.

121-24870



All bearings shown are grid bearings.

0 675' 1750' 2625'

1" = 1750'

GPS DATUM

NAD 83

NAD 27

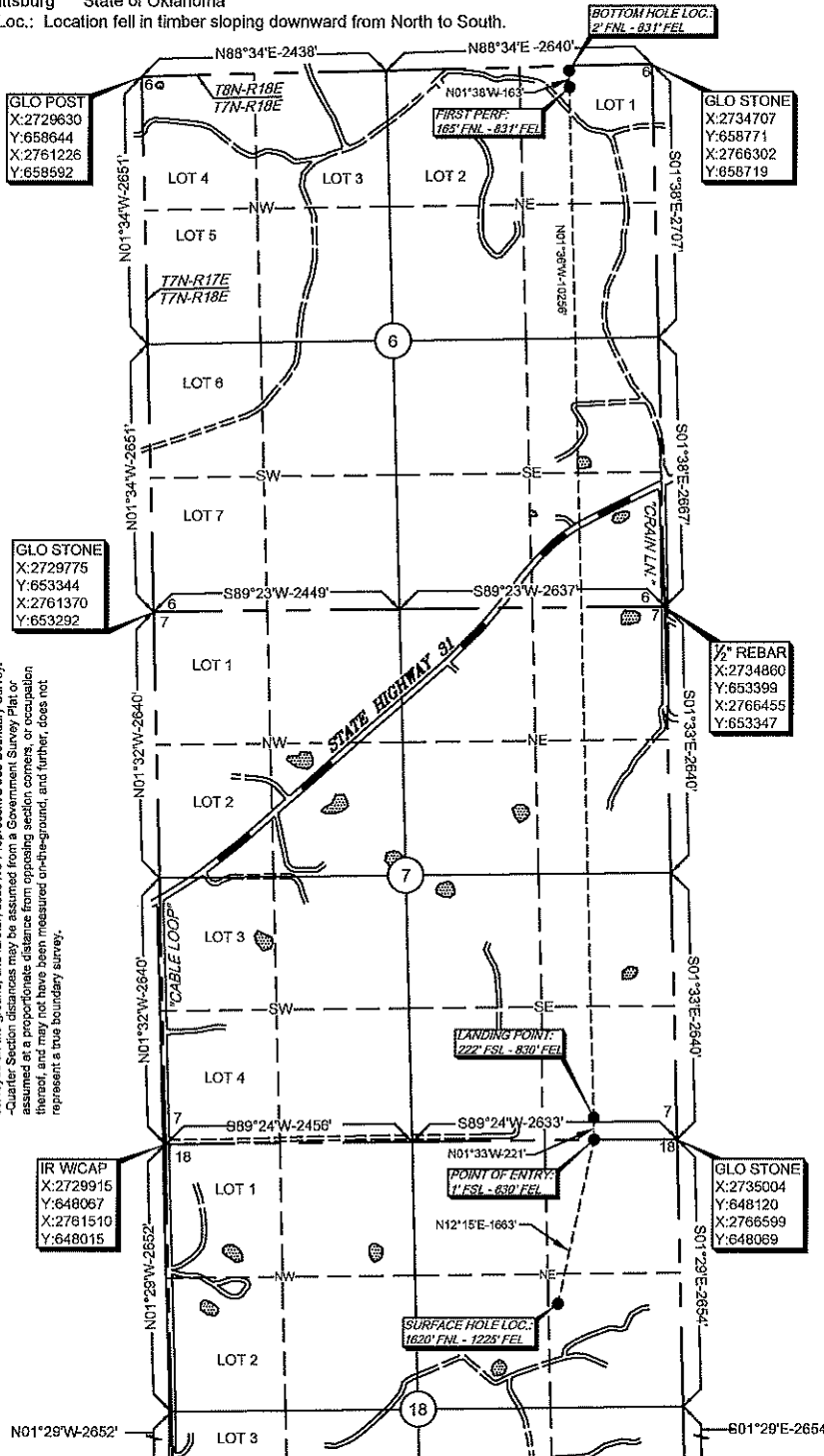
OK SOUTH ZONE

BASIS OF BEARING:  
GRID SOUTH - NAD 83  
STATE PLANE - OK SOUTH ZONE

BASIS OF ELEVATION:  
OPUS SOLUTION

Surface Hole Loc.: Lat: 35°04'59.14"N Lon: 95°26'30.31"W	Surface Hole Loc.: Lat: 35°04'58.79"N Lon: 95°26'29.39"W
Lat: 35.08309534 Lon: -95.44175230 X: 2733821 Y: 646487	Lat: 35.08299780 Lon: -95.44149659 X: 2765416 Y: 646436
Point of Entry: Lat: 35°05'15.12"N Lon: 95°26'25.57"W	Point of Entry: Lat: 35°05'14.77"N Lon: 95°26'24.65"W
Lat: 35.08753389 Lon: -95.44043628 X: 2734174 Y: 648112	Lat: 35.08743811 Lon: -95.44018155 X: 2765769 Y: 648061
Landing Point: Lat: 35°05'17.31"N Lon: 95°26'25.57"W	Landing Point: Lat: 35°05'16.96"N Lon: 95°26'24.66"W
Lat: 35.08814118 Lon: -95.44043764 X: 2734168 Y: 648333	Lat: 35.08804362 Lon: -95.44018116 X: 2765763 Y: 648282
First Perf: Lat: 35°06'58.75"N Lon: 95°26'25.90"W	First Perf: Lat: 35°06'58.39"N Lon: 95°26'24.98"W
Lat: 35.11631835 Lon: -95.44052768 X: 2733881 Y: 658585	Lat: 35.11622081 Lon: -95.44027082 X: 2765476 Y: 658533
Bottom Hole Loc.: Lat: 35°07'00.36"N Lon: 95°26'25.90"W	Bottom Hole Loc.: Lat: 35°07'00.01"N Lon: 95°26'24.99"W
Lat: 35.11676619 Lon: -95.44052942 X: 2733876 Y: 658748	Lat: 35.11666947 Lon: -95.44027221 X: 2765471 Y: 658696

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 as 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.



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-A

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

