

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

API NUMBER: 121 24809

Approval Date: 01/26/2018

Expiration Date: 07/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 7N Rge: 18E

County: PITTSBURG

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 264 2100

Lease Name: BERNICE

Well No: 2-7/6H

Well will be 264 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

BOYD LEON CABLE FAMILY REV. TRUST  
2714 CABLE LOOP RD  
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	7704	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708716  
201708717  
201708718  
201708719

Special Orders:

Total Depth: 18460

Ground Elevation: 656

Surface Casing: 100

Depth to base of Treatable Water-Bearing FM: 50

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.

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.

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 BED AQUIFER

Pit Location Formation: SAVANNA

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: SAVANNA

#### 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: SAVANNA

#### HORIZONTAL HOLE 1

Sec 06 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 2590

Depth of Deviation: 7500

Radius of Turn: 381

Direction: 10

Total Length: 10362

Measured Total Depth: 18460

True Vertical Depth: 7825

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.

121 24809 BERNICE 2-7/6H

Category	Description
HYDRAULIC FRACTURING	<p>1/23/2018 - 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>
MEMO	<p>1/23/2018 - 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 - 201708710	<p>1/25/2018 - G58 - (640)(HOR) 6 &amp; 7-7N-18E EST OTHER EXT 665900 WDFD, OTHERS COMPL. INT. (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL (COEXIST SP. ORDER 99845, HNTN) REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708716	<p>1/25/2018 - G58 - (I.O.) 6 &amp; 7-7N-18E EST MULTIUNIT HORIZONTAL WELL X201708710 WDFD (6 &amp; 7-7N-18E) 50% 6-7N-18E 50% 7-7N-18E NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708717	<p>1/25/2018 - G58 - (I.O.) 6 &amp; 7-7N-18E X201708710 WDFD COMPL. INT. (7-7N-18E) NCT 0' FNL, NCT 165' FSL, NCT 2590' FEL COMPL. INT. (6-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 2590' FEL NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708718	<p>1/25/2018 - G58 - (I.O.) 6-7N-18E X201708710 WDFD 2 WELLS NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708719	<p>1/25/2018 - G58 - (I.O.) 7-7N-18E X20178710 WDFD 2 WELLS NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>



# 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 #2-7/6H

Footage: 264' FNL - 2100' FWL Gr. Elevation: 656'

121-24809

Section: 18 Township: 7N Range: 18E I.M.

County: Pittsburg State of Oklahoma

Terrain at Loc.: Location fell in open pasture on a hillside that falls to South and East.



All bearings shown  
are grid bearings.

0 750' 1500' 2250'

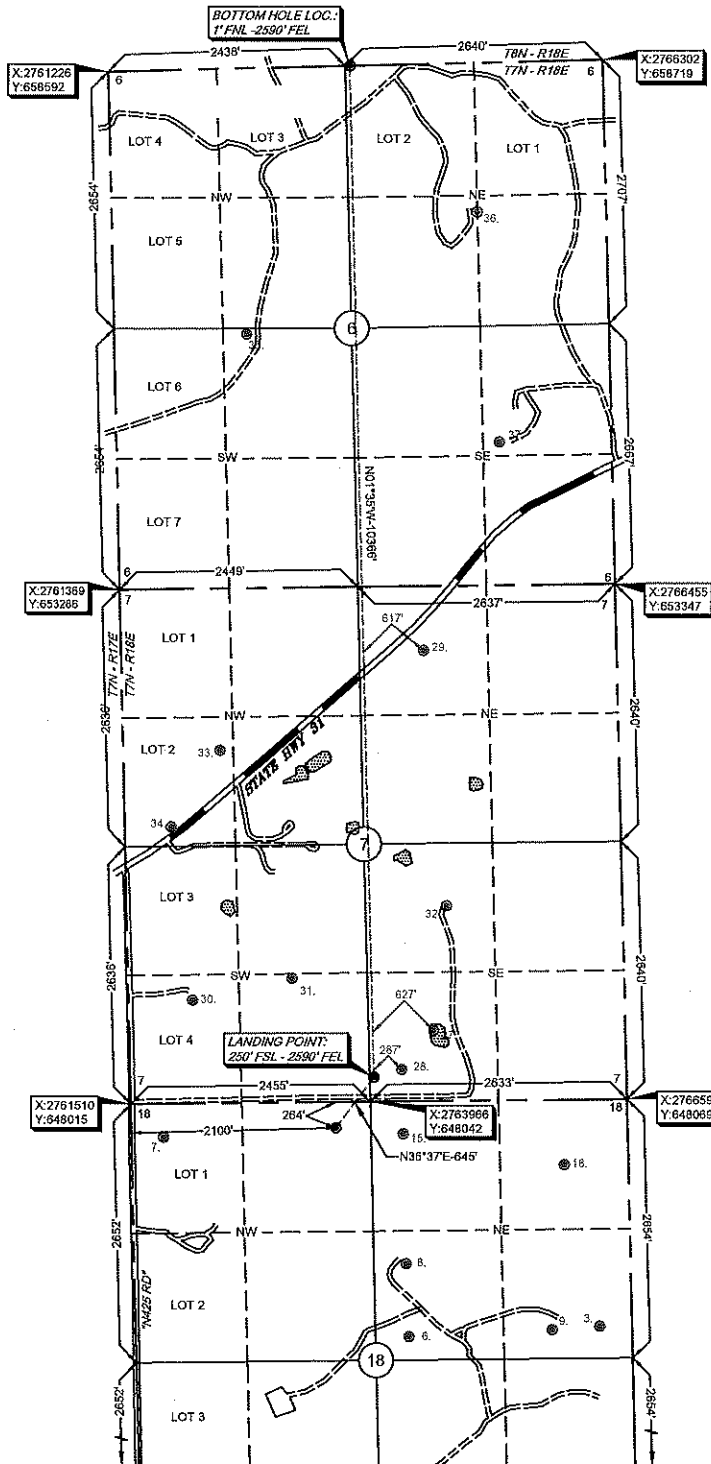
1" = 1500'

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°05'12.47"N  
Lon: 95°26'50.62"W  
X: 2763617  
Y: 647774

Landing Point:  
Lat: 35°05'17.49"N  
Lon: 95°26'45.83"W  
X: 2764002  
Y: 648291

Bottom Hole Loc.:  
Lat: 35°07'00.02"N  
Lon: 95°26'46.16"W  
X: 2763713  
Y: 658653



These notes that this location was taken on the ground under the supervision of the undersigned and approved, but the accuracy of this survey is not guaranteed. The survey was made on the ground and the accuracy of any measurement is determined. 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. The survey was made on the ground and the accuracy of any measurement is assumed as a perpendicular distance from opposing section corners, or description 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, 2018

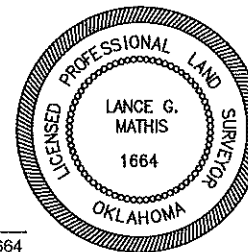
## Certification:

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

11/28/17

OK LPLS 1664



Invoice #7448-B  
Date Staked: 10/26/17 By: H.S.  
Date Drawn: 10/31/17 By: K.B.  
Rev Lease Name: 11/28/17 By: R.S.