

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

API NUMBER: 121 24862

Approval Date: 10/01/2019

Expiration Date: 04/01/2021

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 7N Rge: 17E

County: PITTSBURG

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 380 361

Lease Name: PONDEROSA SW

Well No: 1-34/27/22H

Well will be 361 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	MISSISSIPPIAN	7400	6	
2	WOODFORD	7865	7	
3	HUNTON	7924	8	
4	SYLVAN	7934	9	
5			10	

Spacing Orders: 699792  
699791

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902194  
201902323  
201902324

Special Orders:

Total Depth: 19616

Ground Elevation: 776

**Surface Casing: 160**

Depth to base of Treatable Water-Bearing FM: 110

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 not located in a Hydrologically Sensitive Area.

**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).

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: ON SITE

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: 2**

**Liner not required for Category: 2**

Pit Location is NON HSA

Pit Location Formation: BOGGY

#### PIT 3 INFORMATION

Type of Pit System: ON SITE

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: 3**

**Liner required for Category: 3**

Pit Location is NON HSA

Pit Location Formation: BOGGY

#### HORIZONTAL HOLE 1

Sec 22 Twp 8N Rge 17E County PITTSBURG

Spot Location of End Point: NE SE SE SW

Feet From: SOUTH 1/4 Section Line: 640

Feet From: WEST 1/4 Section Line: 2590

Depth of Deviation: 7825

Radius of Turn: 697

Direction: 350

Total Length: 10696

Measured Total Depth: 19616

True Vertical Depth: 7934

End Point Location from Lease,  
Unit, or Property Line: 640

Notes:

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121 24862 PONDEROSA SW 1-34/27/22H

Category	Description
HYDRAULIC FRACTURING	<p>9/25/2019 - GC2 - 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>9/25/2019 - GC2 - PITS 2 &amp; 3 – CONCRETE LINED 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 - 201902194	<p>9/30/2019 - GB1 - (I.O.)(640)(HOR) 34-8N-17E  EXT 685305 WDFD, SLVN  EXT 676459 MSSP, HNTN  COMPL. INT. (MSSP, HNTN) NLT 660' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL  COMPL. INT. (SLVN) NLT 330' FB  (COEXIST SP #99845 HNTN)  REC. 10/1/2019 (JOHNSON)</p>
PENDING CD - 201902323	<p>9/30/2019 - GB1 - (I.O.) 22, 27, &amp; 34-8N-17E  EST MULTIUNIT HORIZONTAL WELL  X699791 MSSP, WDFD, HNTN, SLVN 22-8N-17E  X699792 MSSP, WDFD, HNTN, SLVN 27-8N-17E  X201902194 MSSP, WDFD, HNTN, SLVN 34-8N-17E  (MSSP, HNTN, SLVN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD)  6% 22-8N-17E  47% 27-8N-17E  47% 34-8N-17E  NO OP. NAMED  REC. 10/1/2019 (JOHNSON)</p>
PENDING CD - 201902324	<p>9/30/2019 - GB1 - (I.O.) 22, 27, &amp; 34-8N-17E  X699791 MSSP, WDFD, HNTN, SLVN 22-8N-17E  X699792 MSSP, WDFD, HNTN, SLVN 27-8N-17E  X201902194 MSSP, WDFD, HNTN, SLVN 34-8N-17E  COMPL. INT. (34-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 2000' FWL  COMPL. INT. (27-8N-17E) NCT 0' FSL, NCT 0' FNL, NCT 2000' FWL  COMPL. INT. (22-8N-17E) NCT 0' FSL, NCT 1320' FSL, NCT 2000' FWL  NO OP. NAMED  REC. 10/1/2019 (JOHNSON)</p>
SPACING - 699791	<p>9/30/2019 - GB1 - (640)(HOR) 22-8N-17E  EXT 675266 MSSP, HNTN  EXT 685305 WDFD, SLVN  COMPL. INT. (MSSP, HNTN) NLT 660' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL  COMPL. INT. (SLVN) NLT 330' FB  (COEXIST SP #130382 HNTN)</p>
SPACING - 699792	<p>9/30/2019 - GB1 - (640)(HOR) 27-8N-17E  EXT 685305 WDFD, SLVN  EST MSSP, HNTN  COMPL. INT. (MSSP, HNTN) NLT 660' FB  COMPL. INT. (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL  COMPL. INT. (SLVN) NLT 330' FB  (COEXIST SP #124204 HNTN)</p>

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.

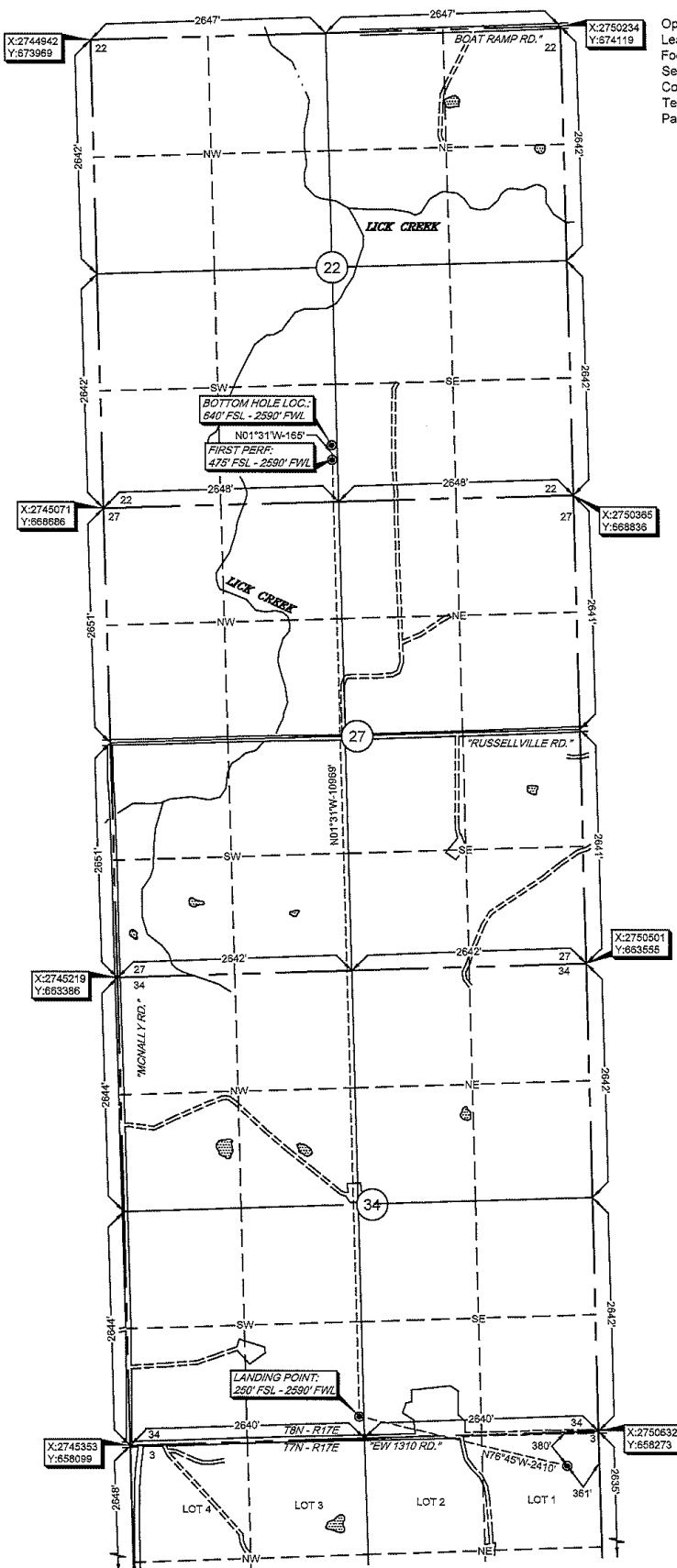
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

**TRINITY  
OPERATING**

### Well Location Plat

S.H.L. Sec. 3-7N-17E I.M.  
B.H.L. Sec. 22-8N-17E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: PONDEROSA SW 1-34/27/22H  
Footage: 380' N/L - 361' FEL Gr. Elevation: 776'  
Section: 3 Township: 7N Range: 17E I.M.  
County: Pittsburg State of Oklahoma  
Terrain at Loc.: Location fell in timber on hillside with  
Pad sloping down Southwest to Northeast.



All bearings shown  
are grid bearings.

0' 750' 1500' 2250'

 $1'' = 1500'$ 

GPS DATUM

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35°06'55.73"N

Lon: 95°29'28.01"W

Lat: 35.11547949

Lon: -95.49111410

X: 2750282

Landing Point:

Lat: 35°07'01.76"N

Lon: 95°29'56.07"W

Lat: 35.11715679

Lon: -95.49890927

X: 2747936

Y: 658434

First Perf:

Lat: 35°08'48.62"N

Lon: 95°29'56.31"W

Lat: 35.14683965

Lon: -95.49897391

X: 2747649

Y: 669234

Bottom Hole Loc.:

Lat: 35°08'50.25"N

Lon: 95°29'56.31"V

Lat: 35.14729298

Lon: -95.49897490

X: 2747644

Y- 669399


\*Please note that this location was selected on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Adams Surveying and Mapping Company if you have any inconsistencies as determined. GPS data is collected from RTK - GPS, ACUTE X and a data station located on State College Hwy. There have been some problems with the GPS and the data station. Adams Surveying and Mapping Company is not responsible for any errors. The survey was assumed to be a proportionate distance from opposing section corners or occupation corners. The survey was not a true boundary survey. The survey was not a true boundary survey, and may not have been measured on the ground, and/or, 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 #8628-A-A  
Date Staked: 05/03/19 By: H.S.  
Date Drawn: 05/13/19 By: M.K.  
Revise SHL: 09/17/19 By: M.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

09/24/19

OK LPLS 1664

