

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

API NUMBER: 121 24863

Approval Date: 10/01/2019

Expiration Date: 04/01/2021

Horizontal Hole
Oil & Gas
Multi Unit

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: 378 341

Lease Name: PONDEROSA SW Well No: 2-34/27/22H Well will be 341 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	7855	7	
3	HUNTON	7914	8	
4	SYLVAN	7924	9	
5			10	

Spacing Orders: 699792
699791

Location Exception Orders:

Increased Density Orders: 700937
700936

Pending CD Numbers: 201902194
201902325
201902326
201902329

Special Orders:

Total Depth: 19072 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 SW SE SE

Feet From: SOUTH 1/4 Section Line: 400

Feet From: EAST 1/4 Section Line: 830

Depth of Deviation: 7525

Radius of Turn: 472

Direction: 358

Total Length: 10805

Measured Total Depth: 19072

True Vertical Depth: 7924

End Point Location from Lease,
Unit, or Property Line: 400

Notes:

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121 24863 PONDEROSA SW 2-34/27/22H

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: 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 - 700936	<p>9/30/2019 - GB1 - 22-8N-17E X699791 WDFD 2 WELLS TRINITY OPERATING (USG), LLC 8/16/2019</p>
INCREASED DENSITY - 700937	<p>9/30/2019 - GB1 - 27-8N-17E X699792 WDFD 2 WELLS TRINITY OPERATING (USG), LLC 8/16/2019</p>
MEMO	<p>9/25/2019 - GC2 - PITS 2 & 3 – CONCRETE LINED 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 - 201902194	<p>9/30/2019 - GB1 - (I.O.)(640)(HOR) 34-8N-17E EXT 685305 WDFD, SLVN EXT 676459 MSPP, HNTN COMPL. INT. (MSPP, 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 - 201902325	<p>9/30/2019 - GB1 - (I.O.) 22, 27, & 34-8N-17E EST MULTIUNIT HORIZONTAL WELL X699791 MSPP, WDFD, HNTN, SLVN 22-8N-17E X699792 MSPP, WDFD, HNTN, SLVN 27-8N-17E X201902194 MSPP, WDFD, HNTN, SLVN 34-8N-17E (MSPP, HNTN, SLVN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 4% 22-8N-17E 48% 27-8N-17E 48% 34-8N-17E NO OP. NAMED REC. 10/1/2019 (JOHNSON)</p>
PENDING CD - 201902326	<p>9/30/2019 - GB1 - (I.O.) 22, 27, & 34-8N-17E X699791 MSPP, WDFD, HNTN, SLVN 22-8N-17E X699792 MSPP, WDFD, HNTN, SLVN 27-8N-17E X201902194 MSPP, WDFD, HNTN, SLVN 34-8N-17E COMPL. INT. (34-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 380' FEL COMPL. INT. (27-8N-17E) NCT 0' FSL, NCT 0' FNL, NCT 380' FEL COMPL. INT. (22-8N-17E) NCT 0' FSL, NCT 1320' FSL, NCT 380' FEL NO OP. NAMED REC. 10/1/2019 (JOHNSON)</p>
PENDING CD - 201902329	<p>9/30/2019 - GB1 - 34-8N-17E X201902194 WDFD 3 WELLS NO OP. NAMED REC. 10/1/2019 (JOHNSON)</p>
SPACING - 699791	<p>9/30/2019 - GB1 - (640)(HOR) 22-8N-17E EXT 675266 MSPP, HNTN EXT 685305 WDFD, SLVN COMPL. INT. (MSPP, 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>

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.

SPACING - 699792

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 & FSL, NLT 330' FEL & FWL
COMPL. INT. (SLVN) NLT 330' FB
(COEXIST SP #124204 HNTN)

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