

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

API NUMBER: 121 24864

Approval Date: 10/07/2019

Expiration Date: 04/07/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 8N Rge: 17E

County: PITTSBURG

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2275 325

Lease Name: IRENE

Well No: 1-34/3H

Well will be 325 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

DAVID PRYOR & SAMANTHA PRYOR
5676 LICK CREEK RD
QUINTON OK 74561

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

| | Name | Depth | Name | Depth |
|---|---------------|-------|------|-------|
| 1 | MISSISSIPPIAN | 7400 | 6 | |
| 2 | WOODFORD | 7762 | 7 | |
| 3 | HUNTON | 7817 | 8 | |
| 4 | SYLVAN | 7827 | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders: 699620

Pending CD Numbers: 201902329
201902330
201902331

Special Orders:

Total Depth: 16114

Ground Elevation: 689

Surface Casing: 150

Depth to base of Treatable Water-Bearing FM: 100

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 03 Twp 7N Rge 17E County PITTSBURG

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 830

Depth of Deviation: 8117

Radius of Turn: 335

Direction: 178

Total Length: 7471

Measured Total Depth: 16114

True Vertical Depth: 7827

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

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121 24864 IRENE 1-34/3H

| Category | Description |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HYDRAULIC FRACTURING | <p>9/26/2019 - 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 - 699620 | <p>10/7/2019 - GB6 - 3-7N-17E X669477 WDFD 1 WELL TRINITY OPERATING (USG), LLC 7/24/2019</p> |
| MEMO | <p>9/26/2019 - GC2 - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p> |
| PENDING CD - 201902329 | <p>10/7/2019 - GB6 - (I.O.) 34-8N-17E X201902194 WDFD 3 WELLS NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p> |
| PENDING CD - 201902330 | <p>10/7/2019 - GB6 - (I.O.) 3-7N-17E & 34-8N-17E EST MULTIUNIT HORIZONTAL WELL X669477 MSSP, WDFD, HNTN, SLVN 3-7N-17E X201902194 MSSP, WDFD, HNTN, SLVN 34-8N-17E (MSSP, HNTN, SLVN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD. IN THIS AREA HNTN IS ERRATIC AND SLVN SHOULD BE CONSIDERED AN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD.) 33.3% 34-8N-17E 66.7% 3-7N-17E NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p> |
| PENDING CD - 201902331 | <p>10/7/2019 - GB6 - (I.O.) 3-7N-17E & 34-8N-17E X669477 MSSP, WDFD, HNTN, SLVN X201902194 MSSP, WDFD, HNTN, SLVN COMPL. INT. (34-8N-17E) NCT 2640' FNL, NCT 0' FSL, NCT 380' FWL COMPL. INT. (3-7N-17E) NCT 0' FNL, NCT 165' FSL, NCT 380' FWL NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p> |

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