## OKLAHOMA CORPORATION COMMISSION

OIL \& GAS CONSERVATION DIVISION P.O. BOX 52000

OKLAHOMA CITY, OK 73152-2000

| Approval Date: | $02 / 06 / 2019$ |
| :--- | :--- |
| Expiration Date: | $08 / 06 / 2020$ |


| API NUMBER: | 121 | 24838 | A |
| :--- | :--- | :--- | :--- |
| Horizontal Hole <br> Multi Unit | Oil \& Gas |  |  | (Rule 165:10-3-1)

Multi Unit
Amend reason: MOVE SURFACE LOCATION

## AMEND PERMIT TO DRILL



Well will be 310 feet from nearest unit or lease boundary.
OTC/OCC Number: 238790

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

|  | Name | Depth | Name |
| :--- | :--- | :--- | :--- |
| 1 | WOODFORD | 7651 | 6 |
| 2 |  |  | 7 |
| 3 |  |  | 8 |
| 4 |  |  | 9 |
| 5 |  |  | 10 |

Spacing Orders: 685305
689364

Location Exception Orders: 690436
$\underline{\longrightarrow}$

Pending CD Numbers

## JOSEPH \& REGENA REYNOLDS

3560 LICK CREEK RD.
QUINTON OK 74561

## Total Depth: 17914

Ground Elevation: 677

Surface Casing: 260

Fresh Water Supply Well Drilled: No

Increased Density Orders:

Special Orders:
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).

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
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

## 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?
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 28 Twp 8N Rge 17E County PITTSBURG
Spot Location of End Point: NW SE NW NW
Feet From: NORTH 1/4 Section Line: 910
Feet From: WEST 1/4 Section Line: ..... 930
Depth of Deviation: ..... 7082
Radius of Turn: ..... 900
Direction: ..... 350
Total Length: ..... 9418
Measured Total Depth: ..... 17914
True Vertical Depth: ..... 7718
End Point Location from Lease,
Unit, or Property Line: ..... 910
Notes:

| HYDRAULIC FRACTURING | 1/10/2019 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG |
| LOCATION EXCEPTION - 690436 | $\text { 2/6/2019 - G75-(I.O.) } 33 \text { \& 28-8N-17E }$ <br> XOTHER <br> X685305 WDFD, OTHERS <br> COMPL. INT. (33-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (28-8N-17E) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL TRINITY OP. (USG), LLC 1-28-2019 |
| MEMO | 1/10/2019 - G71 - PIT 2 \& 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM \& OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR |
| SPACING - 685305 | 2/6/2019-G75-(640)(HOR) 28 \& 33-8N-17E <br> EST WDFD, OTHERS <br> POE TO BHL NCT 165' FNL \& FSL, NCT 330' FEL \& FWL |
| SPACING - 689364 | 2/6/2019-G75-(I.O.) 33 \& 28-8N-17E EST MULTIUNIT HORIZONTAL WELL XOTHER <br> X685305 WDFD, OTHERS <br> $55 \% 33-8 \mathrm{~N}-17 \mathrm{E}$ <br> 45\% 28-8N-17E <br> TRINITY OP. (USG), LLC <br> 1-9-2019 |

Operator: TRINITY OPERATING
Lease Name and No.: TAMARA 1-33/28H
Footage: 310' FNL - 2325' FWL Gr. Elevation: 677'
Section: 4 Township: 7N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in an open pasture on a small hill, sloping down to the West.


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 \#7801-A-A
Date Staked: 04/19/18 By: H.S.
Date Drawn: 04/24/18 By: J.K.
Revise SHL: 10/12/18 By: C.K.
Corrected Y Coord.: 03/14/19 By: R.S.


