

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

API NUMBER: 121 24840

Approval Date: 02/27/2019
Expiration Date: 08/27/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 7N Rge: 16E County: PITTSBURG
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 271 248

Lease Name: HELEN KAY Well No: 2-24-13H Well will be 248 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

MARY K. SPRINGER
490 TWO MILE ROAD
MCALESTER OK 74501

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

| Name | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 WOODFORD | 8622 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 581877
572726

Location Exception Orders:

Increased Density Orders: 690780
690781

Pending CD Numbers: 201810590
201810589

Special Orders:

Total Depth: 19345 Ground Elevation: 638

Surface Casing: 110

Depth to base of Treatable Water-Bearing FM: 60

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 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 13 Twp 7N Rge 16E County PITTSBURG

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 710

Depth of Deviation: 8422

Radius of Turn: 382

Direction: 355

Total Length: 10323

Measured Total Depth: 19345

True Vertical Depth: 8622

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

Notes:

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| Category | Description |
|----------------------------|--|
| HYDRAULIC FRACTURING | 2/4/2019 - 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 |
| INCREASED DENSITY - 690780 | 2/27/2019 - G75 - 13-7N-16E X581877 WDFD 1 WELL TRINITY OP. (USG), LLC 2-1-2019 |
| INCREASED DENSITY - 690781 | 2/27/2019 - G75 - 24-7N-16E X572726 WDFD 1 WELL TRINITY OP. (USG), LLC 2-1-2019 |
| MEMO | 2/4/2019 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL 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 |
| PENDING CD - 201810589 | 2/27/2019 - G75 - (I.O.) 24 & 13-7N-16E EST MULTIUNIT HORIZONTAL WELL X572726 WDFD, OTHER 24-7N-16E X581877 WDFD, OTHER 13-7N-16E 50% 24-7N-16E 50% 13-7N-16E NO OP. NAMED REC 1-7-2019 (DUNN) |
| PENDING CD - 201810590 | 2/27/2019 - G75 - (I.O.) 24 & 13-7N-16E X572726 WDFD, OTHER 24-7N-16E X581877 WDFD, OTHER 13-7N-16E COMPL. INT. (24-7N-16E) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (13-7N-16E) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC 1-7-2019 (DUNN) |
| SPACING - 572726 | 2/26/2019 - G75 - (640) 24-7N-16E VAC OTHERS EXT OTHERS EXT 566391 WDFD, OTHERS |
| SPACING - 581877 | 2/26/2019 - G75 - (640) 13-7N-16E EXT OTHERS EXT 575865 WDFD, OTHERS |

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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.



Well Location Plat

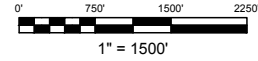
S.H.L. Sec. 25-7N-16E I.M.
B.H.L. Sec. 13-7N-16E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: HELEN KAY 2-24-13H
Footage: 271' FNL - 248' FEL Gr. Elevation: 638'
Section: 25 Township: 7N Range: 16E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in flat pasture with an existing pond.

API 121-24840



All bearings shown
are grid bearings.



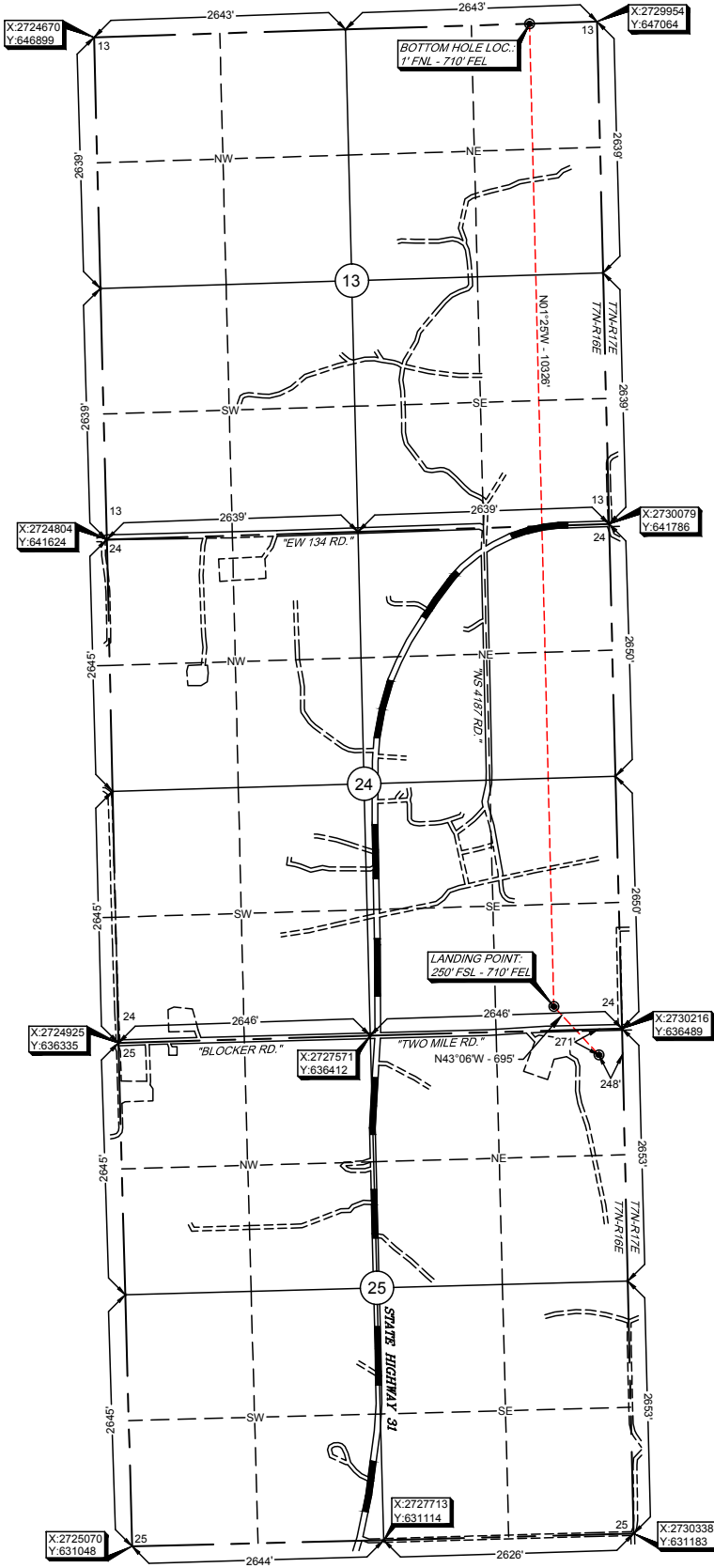
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°03'26.36"N
Lon: 95°33'38.68"W
Lat: 35.05732326
Lon: -95.56074503
X: 2729974
Y: 636211

Landing Point:
Lat: 35°03'31.49"N
Lon: 95°33'44.24"W
Lat: 35.05874797
Lon: -95.56228933
X: 2729499
Y: 636718

Bottom Hole Loc.:
Lat: 35°05'13.62"N
Lon: 95°33'44.31"W
Lat: 35.08711780
Lon: -95.56230843
X: 2729244
Y: 647041

Please note that this location was staked on the ground under the supervision of the undersigned and is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is obtained from RTK - GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on the ground, and further, does NOT represent a true boundary survey. The location of the well is assumed to be a true boundary survey. The location of the well is assumed to be a true boundary survey. The location of the well is assumed to be a true boundary survey. The location of the well is assumed to be a true boundary survey.

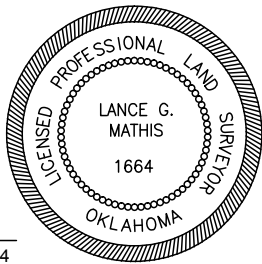


Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

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

01/10/19
OK LPLS 1664



Invoice #7874-B
Date Staked: 01/04/19 By: D.A.
Date Drawn: 01/08/19 By: J.H.