

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

API NUMBER: 063 24898

Approval Date: 06/05/2019

Expiration Date: 12/05/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 7N Rge: 12E County: HUGHES
SPOT LOCATION: ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 307 2009

Lease Name: MITZI Well No: 2-32/29H Well will be 307 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

KENNNETH S STARK & LORI A STARK
28 CEDAR STREET
KIEFER OK 74041

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

Name	Depth	Name	Depth
1 WOODFORD	4747	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 683384 Location Exception Orders: 683438 Increased Density Orders: 681375
671215 681376
674146

Pending CD Numbers:

Special Orders:

Total Depth: 15673 Ground Elevation: 775 Surface Casing: 1000 Depth to base of Treatable Water-Bearing FM: 160

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.
B. Solidification of pit contents.

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.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

H. SEE MEMO

Category of Pit: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

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 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

HORIZONTAL HOLE 1

Sec 29 Twp 8N Rge 12E County HUGHES

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 2030

Depth of Deviation: 4511

Radius of Turn: 482

Direction: 355

Total Length: 10405

Measured Total Depth: 15673

True Vertical Depth: 4747

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

COMPLETION INTERVAL

6/4/2019 - GB1 - WILL BE GREATER THAN 165' FNL 29-8N-12E PER OPERATOR

DEEP SURFACE CASING

6/3/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

This permit does not address the right of entry or settlement of surface damages.

063 24898 MITZI 2-32/29H

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.

Category	Description
HYDRAULIC FRACTURING	<p>6/3/2019 - G71 - 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: OCCEWEB.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 - 681375	<p>6/4/2019 - GB1 - 29-8N-12E X671215 WDFD 3 WELLS TRINITY OPERATING (USG), LLC REC. 7/2/2019 (DUNN)</p>
INCREASED DENSITY - 681376	<p>6/4/2019 - GB1 - 32-8N-12E X674146 WDFD 3 WELLS TRINITY OPERATING (USG), LLC REC. 7/2/2019 (DUNN)</p>
LOCATION EXCEPTION - 683438	<p>6/4/2019 - GB1 - (I.O.) 32 & 29-8N-12E X674146 WDFD 32-8N-12E X671215 WDFD 29-8N-12E COMPL. INT. (32-8N-12E) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (29-8N-12E) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL TRINITY OPERATING (USG), LLC REC. 7/2/2018 (DUNN)</p>
MEMO	<p>6/3/2019 - 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</p>
SPACING - 671215	<p>6/4/2019 - GB1 - (640)(HOR) 29-8N-12E EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 674146	<p>6/4/2019 - GB1 - (640)(HOR) 32-8N-12E EXT 615119 WDFD, OTHER EXT OTHER POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 683384	<p>6/4/2019 - GB1 - (I.O.) 32 & 29-8N-12E EST MULTIUNIT HORIZONTAL WELL X674146 WDFD 32-8N-12E X671215 WDFD 29-8N-12E 50% 32-8N-12E 50% 29-8N-12E TRINITY OPERATING (USG), LLC. REC. 7/2/2018 (DUNN)</p>

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.



Well Location Plat

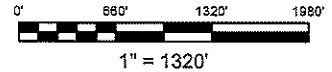
S.H.L. Sec. 5-7N-12E I.M.
B.H.L. Sec. 29-8N-12E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: MITZI 2-32/29H
Footage: 307' FNL - 2009' FEL Gr. Elevation: 775'
Section: 5 Township: 7N Range: 12E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in timber, sloping on the West side.

API 063-24898



All bearings shown
are grid bearings.



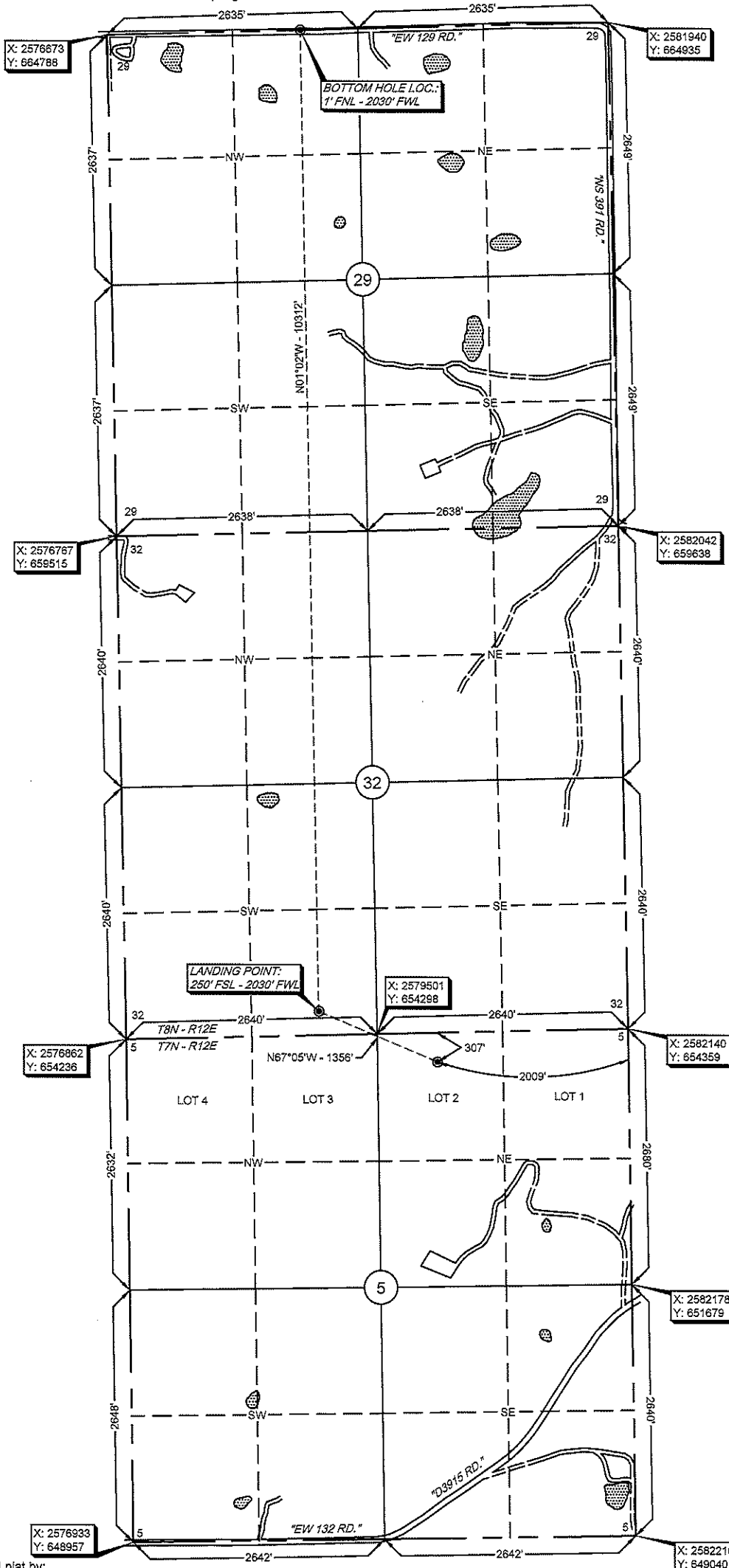
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°06'54.48"N
Lon: 96°03'36.57"W
Lat: 35.11513202
Lon: -96.06015697
X: 2580136
Y: 654005

Landing Point:
Lat: 35°06'59.93"N
Lon: 96°03'51.47"W
Lat: 35.11664853
Lon: -96.06429821
X: 2578887
Y: 654533

Bottom Hole Loc.:
Lat: 35°08'41.93"N
Lon: 96°03'51.32"W
Lat: 35.14498048
Lon: -96.06425485
X: 2578702
Y: 664844

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact: Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed 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. Quarter Section distances may be assumed from a Government Survey Plat or thereon, and may not have been measured on-the-ground, and further, 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 #8446-C
Date Staked: 01/19/19 By: D.W.
Date Drawn: 01/23/19 By: J.K.
Revised SHL: 01/29/19 By: M.K.
Revised LP & BHL: 02/01/19 By: J.H.

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

02/04/19
OK LPLS 1664

