

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

API NUMBER: 063 24837

Approval Date: 07/26/2018

Expiration Date: 01/26/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 8N Rge: 12E County: HUGHES
SPOT LOCATION: ☐ SE ☐ NW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 691 982

Lease Name: MITZI Well No: 1-32/29H Well will be 691 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

PHILLIP J. CASCAYILLA
1417 E. INTERSTATE 30, SUITE 1
GARLAND OK 75043

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

Name	Depth	Name	Depth
1 WOODFORD	4738	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 674146
671215

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803734
201803735
201803743
201803742

Special Orders:

Total Depth: 15925 Ground Elevation: 755 Surface Casing: 330 Depth to base of Treatable Water-Bearing FM: 280

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 BED AQUIFER

Pit Location Formation: SENORA

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 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 NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 710

Depth of Deviation: 4246

Radius of Turn: 875

Direction: 25

Total Length: 10304

Measured Total Depth: 15925

True Vertical Depth: 4738

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

Notes:

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.

063 24837 MITZI 1-32/29H

Category	Description
HYDRAULIC FRACTURING	<p>7/19/2018 - 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: 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>
MEMO	<p>7/19/2018 - 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>
PENDING CD - 201803734	<p>7/25/2018 - G57 - (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>
PENDING CD - 201803735	<p>7/25/2018 - G57 - (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 330' FWL COMPL. INT. (29-8N-12E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 7-2-2018 (DUNN)</p>
PENDING CD - 201803742	<p>7/25/2018 - G57 - 29-8N-12E X671215 WDFD 3 WELLS TRINITY OPERATING (USG), LLC. REC 7-2-2018 (DUNN)</p>
PENDING CD - 201803743	<p>7/25/2018 - G57 - 32-8N-12E X674146 WDFD 3 WELLS NO OP. NAMED REC 7-2-2018 (DUNN)</p>
SPACING - 671215	<p>7/25/2018 - G57 - (640)(HOR) 29-8N-12E EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 674146	<p>7/25/2018 - G57 - (640)(HOR) 32-8N-12E EXT 615119 WDFD, OTHER EXT OTHER POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>



Well Location Plat

S.H.L. Sec. 31-8N-12E I.M.
B.H.L. Sec. 29-8N-12E I.M.

Operator: TRINITY OPERATING

API: 063 24837

Lease Name and No.: MITZI 1-32/29H

Footage: 691' FSL - 982' FEL Gr. Elevation: 755'

Section: 31 Township: 8N Range: 12E I.M.

County: Hughes State of Oklahoma

Terrain at Loc.: Location fell on a hilltop in mostly open pasture. Site slopes downward toward Northwest.



All bearings shown
are grid bearings.

0' 750' 1500' 2250'

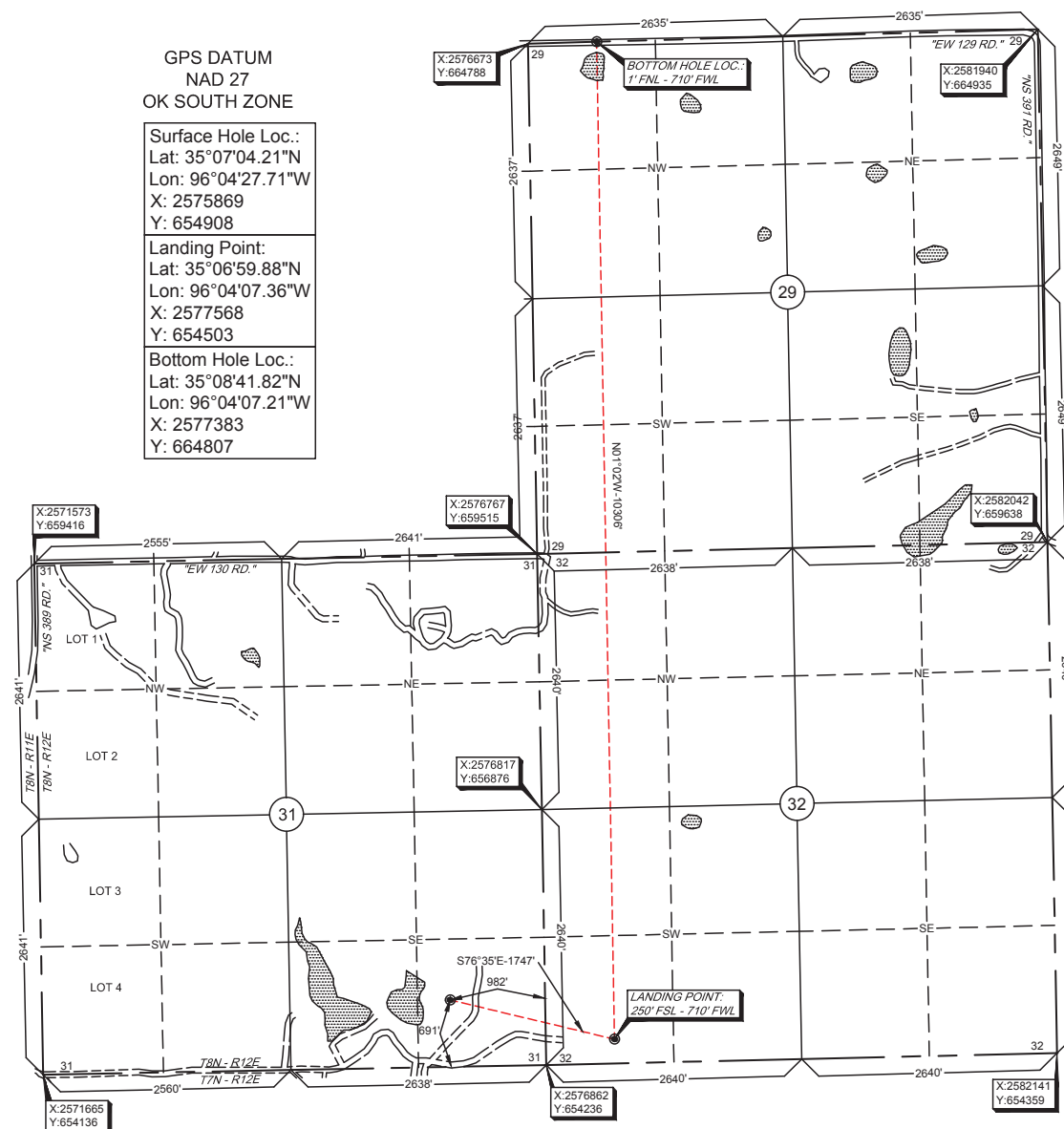
1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°07'04.21"N
Lon: 96°04'27.71"W
X: 2575869
Y: 654908

Landing Point:
Lat: 35°06'59.88"N
Lon: 96°04'07.36"W
X: 2577568
Y: 654503

Bottom Hole Loc.:
Lat: 35°08'41.82"N
Lon: 96°04'07.21"W
X: 2577383
Y: 664807



-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 assumed at a proportionate distance from opposing section corners, or occupation thereof, 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

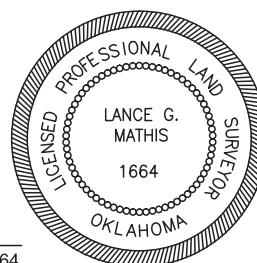
Certification:

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

06/28/18

OK LPLS 1664



Invoice #7925-B

Date Staked: 06/20/18 By: H.S.

Date Drawn: 06/27/18 By: J.K.