

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 A

Approval Date: 06/05/2019
Expiration Date: 12/05/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: ADD MAYES FORMATION

AMEND 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	MAYES	4400	6	
2	WOODFORD	4747	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

Deep surface casing has been approved

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 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: 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

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063 24898 MITZI 2-32/29H

HYDRAULIC FRACTURING

6/3/2019 - 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: OCCWEB.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 - 681375 (201803742) 12/12/2019 - G56 - 29-8N-12E
X671215 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
8/13/2019

INCREASED DENSITY - 681376 (201803743) 12/12/2019 - G56 - 32-8N-12E
X674146 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
8/13/2019

LOCATION EXCEPTION - 683438 (201803737) 12/12/2019 - G56 - (I.O.) 32 & 29-8N-12E
X674146 MYES, WDFD 32-8N-12E
X671215 MYES, 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
9/21/2019

MEMO 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

SPACING - 671215 12/12/2019 - G56 - (640)(HOR) 29-8N-12E
EST MYES, WDFD, OTHERS
COMPL INT (MYES) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

SPACING - 674146 12/12/2019 - G56 - (640)(HOR) 32-8N-12E
EXT 615119 MYES, WDFD, OTHERS
EXT OTHER
COMPL INT (MYES) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

SPACING - 683384 (201803736) 12/12/2019 - G56 - (I.O.) 32 & 29-8N-12E
EST MULTIUNIT HORIZONTAL WELL
X674146 MYES, WDFD 32-8N-12E
X671215 MYES, WDFD 29-8N-12E
(MYES IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD)
50% 32-8N-12E
50% 29-8N-12E
TRINITY OPERATING (USG), LLC.
9/20/2018

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

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