

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

API NUMBER: 063 24860 B

Approval Date: 12/04/2018

Expiration Date: 06/04/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: ADD MAYES FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 8N Rge: 12E County: HUGHES
SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 301 1155

Lease Name: GLYNELL Well No: 3-31/30H Well will be 301 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

CANADIAN RIVER INVESTMENT
1417 EAST INTERSTATE 30, STE. 1
GARLAND TX 75043

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

	Name	Depth	Name	Depth
1	MAYES	4500	6	
2	WOODFORD	5156	7	
3			8	
4			9	
5			10	

Spacing Orders: 677891 Location Exception Orders: 683377 Increased Density Orders: 689810
677892
683376 689811

Pending CD Numbers:

Special Orders:

Total Depth: 15539 Ground Elevation: 756 Surface Casing: 1000 Depth to base of Treatable Water-Bearing FM: 310

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.

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).

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 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 30 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: 4630

Radius of Turn: 382

Direction: 5

Total Length: 10309

Measured Total Depth: 15539

True Vertical Depth: 5156

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

11/20/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

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063 24860 GLYNELL 3-31/30H

HYDRAULIC FRACTURING

11/20/2018 - 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 - 689810 (201803729) 12/13/2019 - G56 - (I.O.) 30-8N-12E
X677891 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
1/16/2019

INCREASED DENSITY - 689811 (201803730) 12/13/2019 - G56 - 31-8N-12E
X677892 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
1/16/2019

LOCATION EXCEPTION - 683377 (201803718) 12/13/2019 - G56 - (I.O.) 31 & 30-8N-12E
X677892 MYES, WDFD, OTHERS 31-8N-12E
X677891 MYES, WDFD, OTHERS 30-8N-12E
COMPL. INT. (31-8N-12E) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL
COMPL. INT. (30-8N-12E) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL
TRINITY OP. (USG), LLC
9-20-2018

MEMO 11/20/2018 - 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

SPACING - 677891 12/13/2019 - G56 - (640)(HOR) 30-8N-12E
VAC OTHERS
EST MYES, OTHER
EXT 656675 WDFD, OTHERS
COMPL. INT. (MYES) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

SPACING - 677892 12/13/2019 - G56 - (640)(HOR) 31-8N-12E
VAC OTHERS
EST MYES, OTHER
EXT 656675 WDFD, OTHERS
COMPL. INT. (MYES) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

SPACING - 683376 (201803717) 12/13/2019 - G56 - (I.O.) 31 & 30-8N-12E
EST MULTIUNIT HORIZONTAL WELL
X677892 MYES, WDFD, OTHERS 31-8N-12E
X677891 MYES, WDFD, OTHERS 30-8N-12E
50% 31-8N-12E
50% 30-8N-12E
TRINITY OP. (USG), LLC
9-20-2018

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