

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

API NUMBER: 063 24832

Approval Date: 07/18/2018

Expiration Date: 01/18/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 8N Rge: 12E County: HUGHES

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 706 982

Lease Name: GLYNELL Well No: 1-31/30H Well will be 706 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
SUITE 1
1417 E. INTERSTATE 30
GARLAND TX 75043

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

Name	Depth	Name	Depth
1 WOODFORD	4678	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 677892
677891

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803715
201803716
201803729
201803730

Special Orders:

Total Depth: 15533

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 30 Twp 8N Rge 12E County HUGHES

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 610

Depth of Deviation: 4329

Radius of Turn: 573

Direction: 5

Total Length: 10303

Measured Total Depth: 15533

True Vertical Depth: 4678

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

Notes:

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063 24832 GLYNELL 1-31/30H

Category	Description
HYDRAULIC FRACTURING	<p>7/9/2018 - 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>7/9/2018 - 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 - 201803715	<p>7/18/2018 - G57 - (I.O.) 31 & 30-8N-12E EST MULTIUNIT HORIZONTAL WELL X677892 WDFD 31-8N-12E X677891 WDFD 30-8N-12E 50% 31-8N-12E 50% 30-8N-12E TRINITY OPERATING (USG), LLC. REC 6-25-2018 (JOHNSON)</p>
PENDING CD - 201803716	<p>7/18/2018 - G57 - (I.O.) 31 & 30-8N-12E X677892 WDFD 31-8N-12E X677891 WDFD 30-8N-12E COMPL. INT. (31-8N-12E) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (30-8N-12E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 6-25-2018 (JOHNSON)</p>
PENDING CD - 201803729	<p>7/18/2018 - G57 - 30-8N-12E X677891 WDFD 3 WELLS NO OP. NAMED REC 6-25-2018 (JOHNSON)</p>
PENDING CD - 201803730	<p>7/18/2018 - G57 - 31-8N-12E X677892 WDFD 3 WELLS NO OP. NAMED REC 6-25-2018 (JOHNSON)</p>
SPACING - 677891	<p>7/18/2018 - G57 - (640)(HOR) 30-8N-12E VAC OTHER EXT 656675 WDFD, OTHERS EST OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
SPACING - 677892	<p>7/18/2018 - G57 - (640)(HOR) 31-8N-12E VAC OTHER EXT 656675 WDFD, OTHERS EST OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>

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

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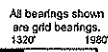
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



B.H.L. Sec. 30-8N-12E I.M.

API: 063 24832

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

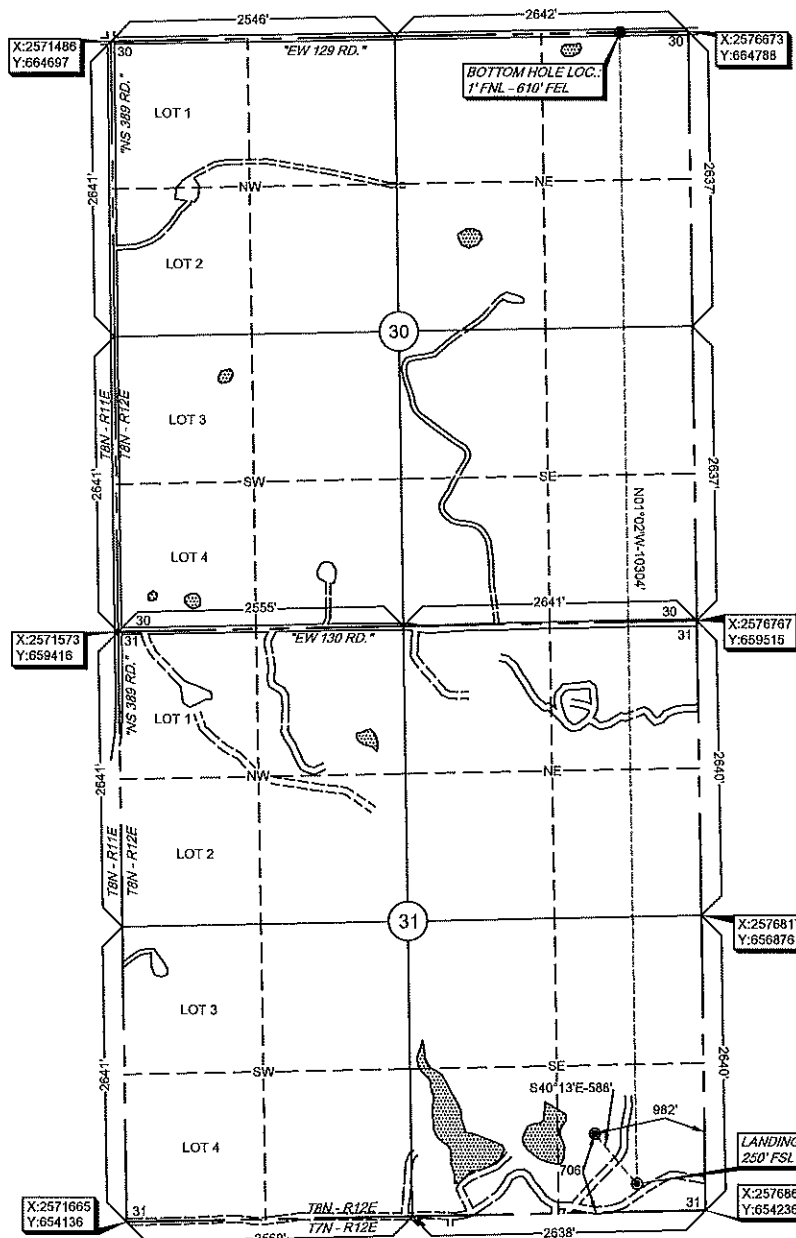

$$1'' = 1320'$$


NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°07'04.36"N
Lon: 96°04'27.71"W
X: 2575868
Y: 654923

Landing Point:
Lat: 35°06'59.85"N
Lon: 96°04'23.25"W
X: 2576248
Y: 654474

Bottom Hole Loc.:
Lat: 35°08'41.76"N
Lon: 96°04'23.11"W
X: 2576063
Y: 664777




LANCE G. MATHIS

06/28/18

OK LPLS 1664

