

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

API NUMBER: 121 24832

Approval Date: 09/26/2018

Expiration Date: 03/26/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 7N Rge: 18E

County: PITTSBURG

SPOT LOCATION: ☐ NW ☐ SE ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1775 2270

Lease Name: REASNOR

Well No: 1-12/13/24H

Well will be 1775 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

MARY N. & THOMAS J. REASNOR
31324 W. HWY 31
KINTA OK 74552

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

Name	Depth	Name	Depth
1 WOODFORD	7805	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 666047
678204

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807141

Special Orders:

Total Depth: 17457

Ground Elevation: 602

Surface Casing: 110

Depth to base of Treatable Water-Bearing FM: 60

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: MCALESTER/HARTSHORNE

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: MCALESTER/HARTSHORNE

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: MCALESTER/HARTSHORNE

HORIZONTAL HOLE 1

Sec 24 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: SW SE NW NW

Feet From: NORTH 1/4 Section Line: 1055

Feet From: WEST 1/4 Section Line: 830

Depth of Deviation: 7578

Radius of Turn: 573

Direction: 178

Total Length: 8979

Measured Total Depth: 17457

True Vertical Depth: 7805

End Point Location from Lease,
Unit, or Property Line: 830

Notes:

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121 24832 REASNOR 1-12/13/24H

Category	Description
HYDRAULIC FRACTURING	<p>7/16/2018 - 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>7/16/2018 - 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 - 201807141	<p>9/26/2018 - G57 - (I.O.) 12, 13, 24-7N-18E X666047 WDFD COMPL. INT. (12-7N-18E) NFT 2640' FSL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (13-7N-18E) NCT 0' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (24-7N-18E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL TRINITY OPERATING (USG), LLC. REC 9-24-2018 (JOHNSON)</p>
SPACING - 666047	<p>7/23/2018 - G57 - (640)(HOR) 12, 13, 24-7N-18E EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST W/ SP. ORDER 576361 WDFD 24-7N-18E)</p>
SPACING - 678204	<p>8/22/2018 - G57 - (I.O.) 12, 13, 24-7N-18E EST MULTIUNIT HORIZONTAL WELL X666047 WDFD 28% 12-7N-18E 55% 13-7N-18E 17% 24-7N-18E NO OP. NAMED 5-24-2018</p>

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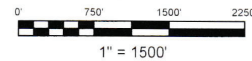
B.H.L. Sec. 24-7N-18E I.M.

API:121 24832

Terrain at Loc.: Location fell in timber, falling downhill to the North and East, with a small drain on the North side of location.



All bearings shown
are grid bearings.



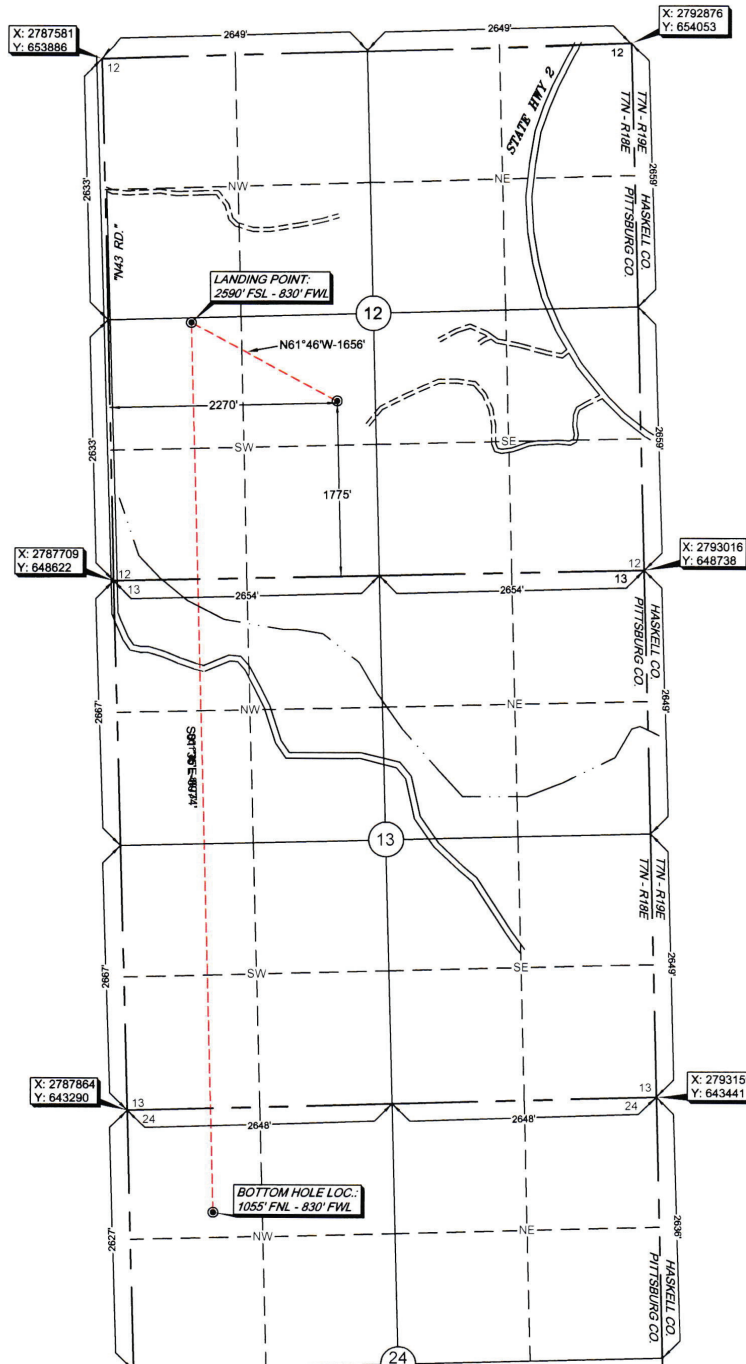
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'32.20"N
Lon: 95°21'33.21"W
X: 2789935
Y: 650446

Landing Point:
Lat: 35°05'40.31"N
Lon: 95°21'50.53"W
X: 2788475
Y: 651228

Bottom Hole Loc.:
Lat: 35°04'11.56"N
Lon: 95°21'50.36"W
X: 2788723
Y: 642259


Please note that this location was stated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Alabama Surveying and Mapping promptly if you have any concerns or questions concerning your GPS data. No time has been spent on the ground, and further, does NOT represent a true boundary survey. Current Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or co-located 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 #7792-C
Date Staked: 05/29/18 By: H.S.
Date Drawn: 05/31/18 By: J.D.

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

06/11/18

OK LPLS 1664

