

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

API NUMBER: 121 24829

Approval Date: 09/19/2018

Expiration Date: 03/19/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 18E

County: PITTSBURG

SPOT LOCATION: ☐ SE ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 595 1530

Lease Name: CARNEY

Well No: 3-8/5H

Well will be 595 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

ISSAC EDWARD & ALICE PRYOR
P.O. BOX 708
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	7685	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 665456

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806824
201806823
201807012
201807011

Special Orders:

Total Depth: 18476

Ground Elevation: 612

Surface Casing: 160

Depth to base of Treatable Water-Bearing FM: 110

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 05 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 830

Depth of Deviation: 7207

Radius of Turn: 573

Direction: 5

Total Length: 10369

Measured Total Depth: 18476

True Vertical Depth: 7685

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

Notes:

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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.

121 24829 CARNEY 3-8/5H

Category	Description
HYDRAULIC FRACTURING	<p>9/18/2018 - 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: OCCEWEB.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>9/18/2018 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SAN BOIS CREEK); WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201806823	<p>9/18/2018 - G75 - (I.O.) 8 & 5-7N-18E EST MULTIUNIT HORIZONTAL WELL X665456 WDFD, OTHERS 50% 8-7N-18E 50% 5-7N-18E NO OP. NAMED REC 9-17-2018 (JOHNSON)</p>
PENDING CD - 201806824	<p>9/18/2018 - G75 - (I.O.) 8 & 5-7N-18E X665456 WDFD, OTHERS COMPL. INT. (8-7N-18E) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (5-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC 9-17-2018 (JOHNSON)</p>
PENDING CD - 201807011	<p>9/18/2018 - G75 - (I.O.) 5-7N-18E X665456 WDFD, OTHERS 2 WELLS NO OP. NAMED REC 9-17-2018 (JOHNSON)</p>
PENDING CD - 201807012	<p>9/18/2018 - G75 - (I.O.) 8-7N-18E X665456 WDFD, OTHERS 2 WELLS NO OP. NAMED REC 9-17-2018 (JOHNSON)</p>
SPACING - 665456	<p>9/18/2018 - G75 - (640)(HOR) 8 & 5-7N-18E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 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. 5-7N-18E I.M.

Terrain at Loc.: Location fell in mostly open pasture.

API 121-24829



All bearings shown
are grid bearings.

 $1'' = 1500'$

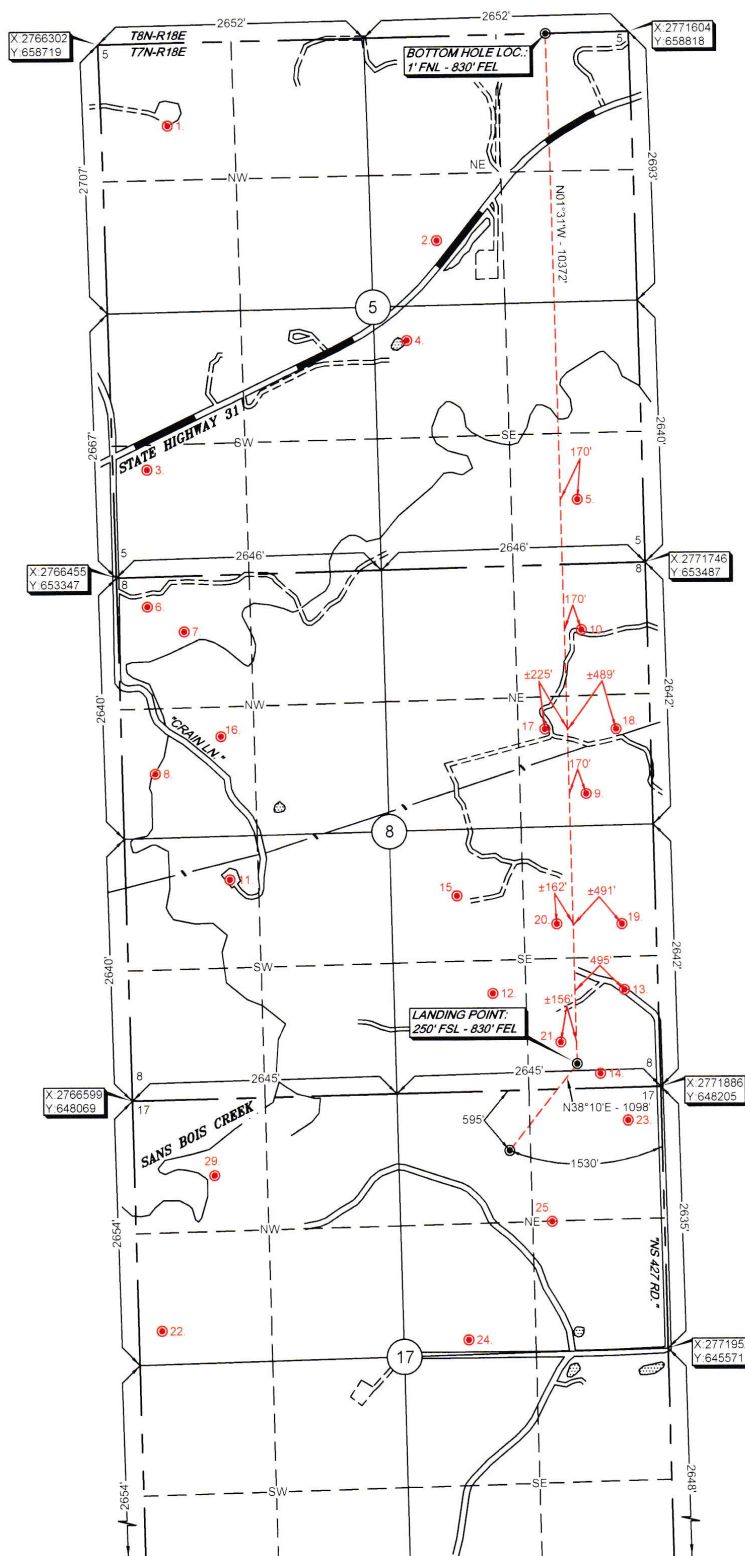
OK SOUTH ZONE

Y: 647570

1. 040433

Y: 658802

Please note that this location was situated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. Please contact Adams Surveying and Mapping promptly if any measurement is determined. GPS data is obtained from NOT Tied to a known datum 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 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.



Expires June 30, 2018

By: J.H.

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

11/09/17

OK LPLS 1664

