

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

API NUMBER: 063 24789 A

Approval Date: 04/25/2018
Expiration Date: 10/25/2018

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL FROM 1550' FNL & 1075' FEL TO
1565' FNL & 1060' FEL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 7N Rge: 10E County: HUGHES
SPOT LOCATION: ☐ NW ☐ NW ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1565 1060

Lease Name: ANN Well No: 2-10/3H Well will be 1060 feet from nearest unit or lease boundary.
Operator Name: TRINITY OPERATING (USG) LLC Telephone: 9185615631 OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

GEOFFREY ALLEN SMITH
9750 HAMILTON CIRCLE DRIVE NORTH
MOBILE AL 36695

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

Name	Depth	Name	Depth
1 WOODFORD	4437	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671943
675019

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801161
201801162
201801163
201801164

Special Orders:

Total Depth: 11625 Ground Elevation: 836 Surface Casing: 370 Depth to base of Treatable Water-Bearing FM: 320

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: CALVIN

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.

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: CALVIN

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: CALVIN

HORIZONTAL HOLE 1

Sec 03 Twp 7N Rge 10E County HUGHES

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1634

Depth of Deviation: 4047

Radius of Turn: 573

Direction: 357

Total Length: 6678

Measured Total Depth: 11625

True Vertical Depth: 4437

End Point Location from Lease,

Unit, or Property Line: 1

Additional Surface Owner

JAMES GREGORY SMITH

Address

521 TAN TARA RD

City, State, Zip

STILLWATER, OK 74074

Notes:

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063 24789 ANN 2-10/3H

Category	Description
HYDRAULIC FRACTURING	<p>4/18/2018 - 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	4/18/2018 - 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
MEMO	4/18/2018 - G71 - DRILLING IN GREASY CREEK SPRING GAS STORAGE IN BOOCH (ORDER 29729); MUST NOTIFY GAS STORAGE OPERATOR PER OCC 165:10-3-5
PENDING CD - 201801161	<p>4/19/2018 - G57 - (I.O.) 10 & 3-7N-10E EST MULTIUNIT HORIZONTAL WELL X671943 WDFD 3-7N-10E X675019 WDFD 10-7N-10E 25.5% 10-7N-10E 74.5% 3-7N-10E NO OP. NAMED REC 2-27-2018 (DUNN)</p>
PENDING CD - 201801162	<p>4/19/2018 - G57 - (I.O.) 3 & 10-7N-10E X671943 WDFD 3-7N-10E X675019 WDFD 10-7N-10E COMPL. INT.(10-7N-10E) NFT 1750' FNL, NCT 0' FNL, NCT 1056' FEL COMPL. INT. (3-7N-10E) NCT 0' FSL, NCT 165' FNL, NCT 1056' FEL NO OP. NAMED REC 2-27-2018 (DUNN)</p>
PENDING CD - 201801163	<p>4/19/2018 - G57 - 3-7N-10E X671943 WDFD 4 WELLS NO OP. NAMED REC 2-27-2018 (DUNN)</p>
PENDING CD - 201801164	<p>4/19/2018 - G57 - 10-7N-10E X675019 WDFD 8 WELLS NO OP. NAMED REC 2-27-2018 (DUNN)</p>
SPACING - 671943	<p>4/19/2018 - G57 - (640)(HOR) 3-7N-10E EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST WITH SP. ORDER 157101 WDFD SW4 & SP. ORDER 161953 E2 3-7N-10E)</p>
SPACING - 675019	<p>4/19/2018 - G57 - (640)(HOR) 10-7N-10E EXT 636029 WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST W/ SP. ORDER 162672 WDFD NW4 & SP. ORDER 295635 WDFD S2)</p>

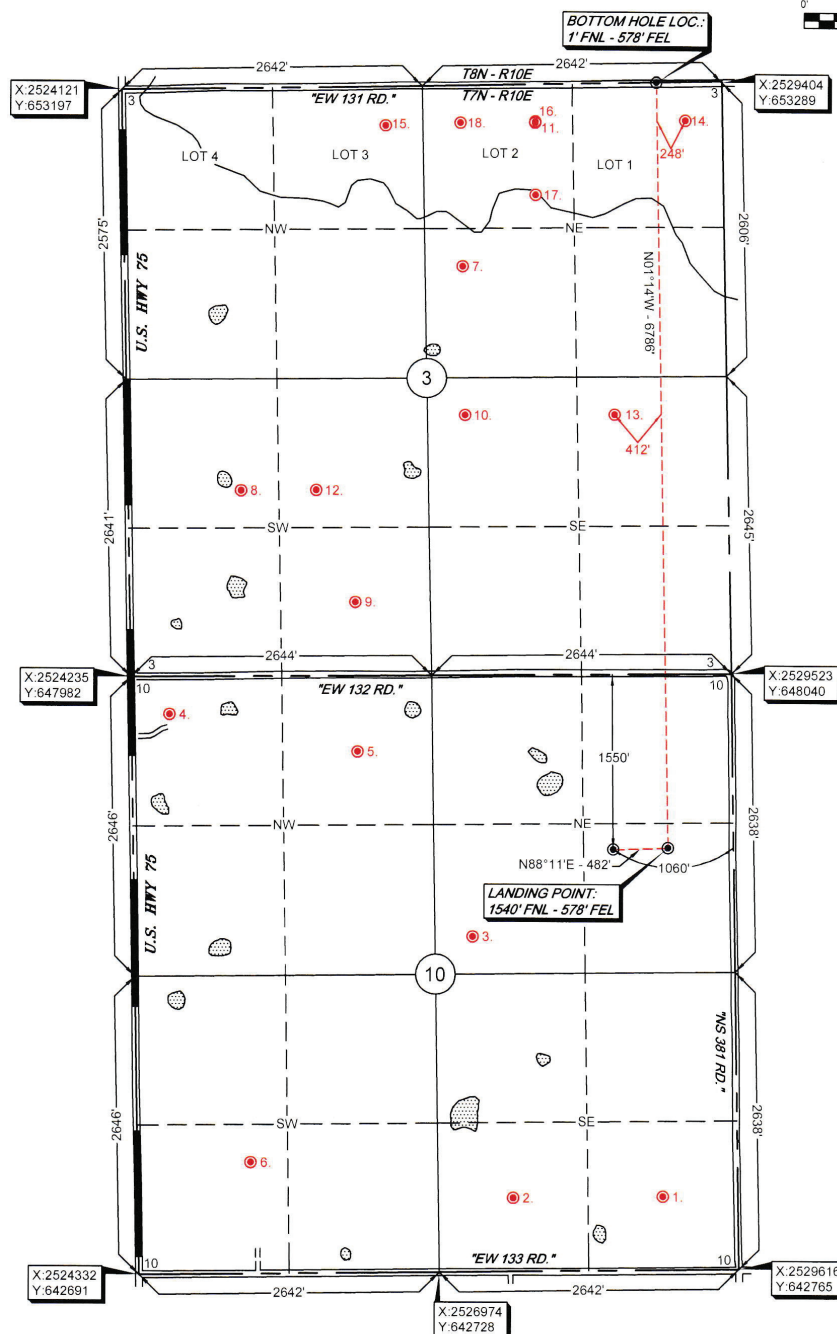
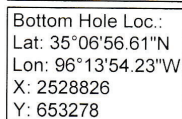
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Terrain at Loc.: Location fell in a pasture with timber, sloping down to the Northeast.



Please note that this location was situated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Alamo Surveying and Mapping promptly if any misunderstanding is determined. GPS data is obtained from RTK. GPS information on the data shown here for Section Corners may NOT have been surveyed by the same person that surveyed the other corners. The surveyor, Alamo Surveying and Mapping, Inc., does not represent a true boundary survey. Quarter Section distances may be used to represent a true boundary survey. Quarter Section distances may be used to represent a true boundary survey. Assumed a proportional distance from opposing section corners. This survey interval, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

OK LPLS 1664

