API NUMBER: 147 28206

Straight Hole Oil & Gas

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

Approval Date: 01/15/2019
Expiration Date: 07/15/2020

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 29N Rge: 13E County: WASHINGTON

SPOT LOCATION: SW NW SW NE FEET FROM QUARTER: FROM **NORTH** FROM **EAST**
SECTION LINES: **1687** **2470**

Lease Name: FOOTE **Well No: RTE #7** **Well will be 170 feet from nearest unit or lease boundary.**

Operator Name: **ROCKY TOP ENERGY LLC** Telephone: 9182737444 OTC/OCC Number: 22945 0

ROCKY TOP ENERGY LLC
PO BOX 902
NOWATA, OK 74048-0902

JOHN D FOOTE II, AUDREY P: JOHN D III: DEBRA L: CHERYL; PATRICIA M: LOU ELLA QUEST: JUNE CAMPBELL
3201 BRIGHTEN LANE
BARTLESVILLE OK 74006

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

	Name	Depth		Name	Depth
1	BARTLESVILLE	1400	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: No Spacing
Location Exception Orders:
Increased Density Orders:

Pending CD Numbers:
Special Orders:

Total Depth: 1400 Ground Elevation: 758 **Surface Casing: 0** Depth to base of Treatable Water-Bearing FM: 380

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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: BARNSDALL/VAMOOSA
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.

H. CBL REQUIRED

Notes:

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.

Category	Description
ALTERNATE CASING	1/11/2019 - G71 - APPROVED; COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
HYDRAULIC FRACTURING	1/11/2019 - 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: OCCEWEB.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
SPACING	1/15/2019 - G58 - FORMATION UNSPACED; 193.73 ACRE LEASE E2 NW4 & S2 NE4 OF 17-29N-13E

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