

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

API NUMBER: 105 41268

Approval Date: 08/22/2019

Expiration Date: 02/22/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 26N Rge: 14E County: NOWATA

SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 568 1231

Lease Name: MB Well No: 5 Well will be 568 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

CANDY CREEK RANCH
RT 1 BOX 306
NOWATA OK 74048

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

	Name	Depth	Name	Depth
1	BARTLESVILLE	1300	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: 1300

Ground Elevation: 875

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 40

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

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y

H. CBL REQUIRED

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: HOGSHOOTER

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Notes:

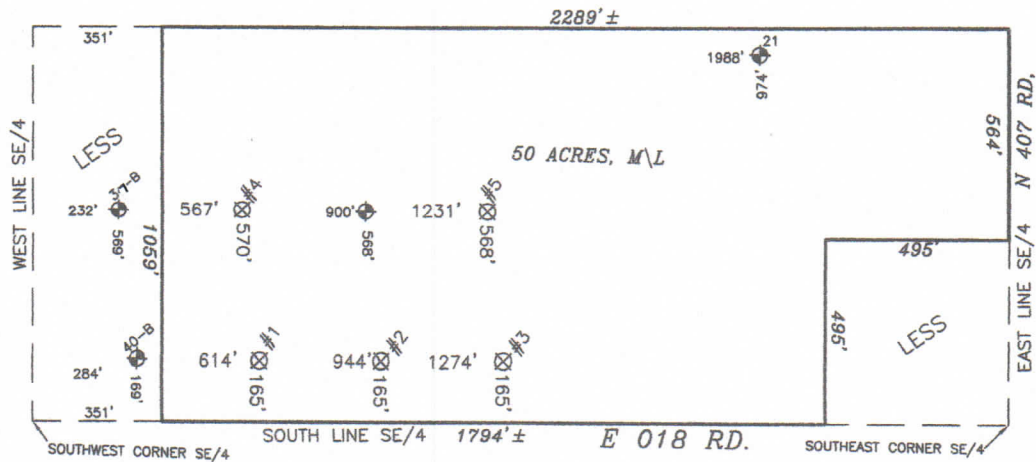
This permit does not address the right of entry or settlement of surface damages.

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	8/19/2019 - 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	<p>8/19/2019 - 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>
SPACING	8/22/2019 - G56 - FORMATION UNSPACED; 50 ACRE LEASE (THE SOUTH 1059' OF SE4 LESS THE WEST 351' OF SE4 AND LESS THE SOUTH 495' OF THE EAST 495' OF SE4) PER SURVEY PLAT

SECTION 1, TOWNSHIP 26 NORTH, RANGE 14 EAST
 NOWATA COUNTY, OKLAHOMA.
 (THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY)



⊙ DENOTES EXISTING OIL/GAS WELL
 ⊗ DENOTES PROPOSED OIL/GAS WELL

SCALE: 1" = 400'

50 ACRES, M/L LEASE DESCRIPTION:

THE SOUTH 1059 FEET OF THE SE/4 LESS AND EXCEPT THE WEST 351 FEET OF THE SE/4 AND LESS AND EXCEPT THE SOUTH 495 FEET OF THE EAST 495 FEET OF THE SE/4 OF SECTION 1, TOWNSHIP 26 NORTH, RANGE 14 EAST OF THE INDIAN MERIDIAN, NOWATA COUNTY, OKLAHOMA.

PROPOSED #1: SE/4 SW/4 SW/4 SE/4

165 FEET FROM THE SOUTH LINE AND 614 FEET FROM THE WEST LINE OF THE SE/4
 ELEVATION= 873' LATITUDE= 36°45'27.2" LONGITUDE= 95°45'45.2"

PROPOSED #2: SW/4 SE/4 SW/4 SE/4

165 FEET FROM THE SOUTH LINE AND 944 FEET FROM THE WEST LINE OF THE SE/4
 ELEVATION= 875' LATITUDE= 36°45'27.2" LONGITUDE= 95°45'41.1"

PROPOSED #3: SE/4 SE/4 SW/4 SE/4

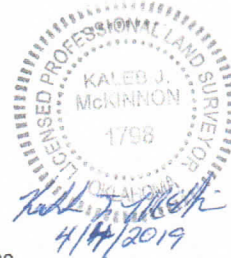
165 FEET FROM THE SOUTH LINE AND 1274 FEET FROM THE WEST LINE OF THE SE/4
 ELEVATION= 877' LATITUDE= 36°45'27.2" LONGITUDE= 95°45'37.1"

PROPOSED #4: NE/4 SE/4 SW/4 SE/4

570 FEET FROM THE SOUTH LINE AND 567 FEET FROM THE WEST LINE OF THE SE/4
 ELEVATION= 871' LATITUDE= 36°45'31.2" LONGITUDE= 95°45'45.8"

PROPOSED #5: NE/4 SW/4 SW/4 SE/4

568 FEET FROM THE SOUTH LINE AND 1231 FEET FROM THE WEST LINE OF THE SE/4
 ELEVATION= 875' LATITUDE= 36°45'31.2" LONGITUDE= 95°45'37.6"



CERTIFICATE OF AUTHORIZATION NO. 2434 EXPIRES 6/30/20

BUCKLAND SURVEYING COMPANY, INC.
 LAND SURVEYING SERVICES

1652 S.E. WASHINGTON BLVD. BARTLESVILLE, OKLAHOMA 74006 (918) 335-5071