API NUMBER: 105 41267

Oil & Gas

Straight Hole

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

Approval Date:	07/22/2019
Expiration Date:	01/22/2021

## PERMIT TO DRILL

			. =			
/ELL LOCATION:	Sec: 01 Twp: 26N Rge:	14E County: NOW	/ATA			
POT LOCATION:	NE SW SW SE	FEET FROM QUARTER: FROM	SOUTH FROM	WEST		
		SECTION LINES:	570	567		
Lease Name: I	МВ	Well No:	4		Well will be	216 feet from nearest unit or lease boundary
Operator Name:	ROCKY TOP ENERGY LLC		Telephone:	9182737444		OTC/OCC Number: 22945 0
ROCKY TO PO BOX 9 NOWATA		74048-0902		CANDY ( RT 1 BO) NOWATA		CH OK 74048
ormation(a)	(Darwit Valid for Listed F	ormations Only)				
ormation(s)	(Permit Valid for Listed F	Depth		Name		Depth
	BARTLESVILLE	1300		6		Бор
2	DAINTEESVILLE	1300		7		
3				8		
4				9		
5				10		
pacing Orders: No Spacing Location Exception C		Orders:	Increased Density Orders:			
ending CD Numbers:				S	Special Orders:	
Total Depth: 13	Ground Elevation:	871 Surface	Casing: 0		Depth	to base of Treatable Water-Bearing FM: 40
	Il be circulated from Total				asing String	
		i iesii Wale	r Supply Well Drille			Surface Water used to Drill: No
T 1 INFORMAT				Approved Method for		
pe of Pit Syster pe of Mud Syst				A. Evaporation/dewa	ater and backfillin	g of reserve pit.
Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N			-	H. CBL REQUIRED		
ellhead Protecti	ion Area? N					
is not locat	ted in a Hydrologically Sensitive Area					
ategory of Pit:	4					
ner not require	ed for Category: 4					
t Location is	NON HSA					
t Location Form	ation: HOGSHOOTER					
Mud System Char	nge to Water-Based or Oil-Based Mu	d Requires an Amended Intent (	Form 1000).			

Notes:

Category

Description

ALTERNATE CASING

7/18/2019 - G71 - APPROVED; COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL

STAFF IMMEDIATELY, A COMPLETION ATTEMPT IN CASES WHERE THE PROTECTION OF THE

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 7/18/2019 - 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 7/22/2019 - GB1 - FORMATION UNSPACED; 50-ACRE LEASE (THE SOUTH 1059' OF SE4 LESS

AND EXCEPT THE WEST 351' OF SE4 AND LES AND EXCEPT THE SOUTH 495' OF THE EAST

495' OF SE4)

**SPACING** 

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.

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

2289'± 351 1988' RD, SE/4 LESS 564 407 50 ACRES, M\L N 3 567' 232 900 1231 569 495 SE, LINE EAST 284 351' SOUTH LINE SE/4 1794'± E 018 RD. SOUTHEAST CORNER SE/4 SOUTHWEST CORNER SE/4

- DENOTES EXISTING OIL/GAS WELL
- □ DENOTES PROPOSED OIL/GAS WELL

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,

SCALE: 1" = 400'

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