API NUMBER: 131 25438

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

Approval Date: 02/26/2020
Expiration Date: 08/26/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION:	Section:	10	Township:	: 24N	Range	: 17E	County:	ROG	ERS						
SPOT LOCATION:	NE NW	/ sw	NW	FEET	FROM QUARTER	: FROM	SOUTH	FR	OM WEST						
					SECTION LINES	:	1210		505						
Lease Name:	HARRIS					Well No:	3-10			Well will	be 50	5 feet fro	om nearest uni	t or lease b	oundary.
Operator Name:	ROCKY TOP	ENERGY	LLC		T	elephone:	91827374	144				0	TC/OCC Nun	nber: 2	2945 0
								1 [
ROCKY TOP	ENERGY L	LC													
PO BOX 902									ROBERT BACON						
NOWATA,			OK	7404	8-0902				2445 S HWY 28						
									CHELSEA			OK	74016		
] [
Formation(s)	(Permit Va	alid for L	isted For	mation	s Only):										
Name	•		Code)		Depth									
1 STRAY			000S	TRY		280									
2 BARTLESVI					350										
Spacing Orders: No Spacing Location Exception Order						otion Orders	3:	No Exceptions			Increased	Density Orders:	No Densi	ity Orders	
Pending CD Number	ers: No Pend	ling										;	Special Orders:	No Speci	al Orders
Total Depth: 480 Ground Elevation: 770 Surface Casing:						Casing:	0	Depth to base of Treatable Water-Bearing FM: 40							
Alternate Casing Program															
Cement will b	e circulate	d from	Total De	pth to	the Grou	nd Surf	ace on	the	Production Casing	g String					
Under Federal Jurisdiction: No							Approved Method for disposal of Drilling Fluids:								
Fresh Water Supply Well Drilled: No							A. Evaporation/dewater and backfilling of reserve pit.								
Surface Water used to Drill: No															
									H. CBL REQUIRED						
PIT 1 INFOR	MATION								Category of	Pit: 2					
Type of Pit System: ON SITE							Liner not required for Category: 2								
Type of Mud System: AIR						Pit Location is: BED AQUIFER									
le death to too of around water avactor than 40th below been of 5100 V					Pit Location Formation: SENORA										
Is depth to top of ground water greater than 10ft below base of pit? Y					Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).										
Within 1 mile of municipal water well? N															
Wellhead Protection Area? N															
Pit <u>is</u> k	ocated in a Hyd	rologically	Sensitive A	rea.											

NOTES:

Category	Description
HYDRAULIC FRACTURING	2/24/2020 - GC2 - 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	2/25/2020 - GB6 - NW4 10-24N-17E STRY, BRVL UNSPACED; 160-ACRE LEASE (NW4)