API NUMBER: 137 27609

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

Approval Date: 04/29/2020

Expiration Date: 10/29/2021

Straight Hole Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section:	22	Township:	1S	Range:	5W	County: 5	STEPI	HENS						
SPOT LOCATION:	NE NW	SE	sw	FEET FROM	/ QUARTER:	FROM	SOUTH	FROM	M WEST						
				SEC	TION LINES:		1155		1815						
Lease Name:	SANNER(EAS	2T\				Well No:			1013	Well w	ill ba	165	feet from nearest unit o	ur laasa haur	ndoru
						well No.	32			wellw	iii be	105			•
Operator Name:	PRUITT OPE	RATING CO	OMPANY L	.LC	Te	elephone:	58085621	155					OTC/OCC Numb	er: 177	10 0
PRUITT OPE	RATING CO	MPANY	′ LLC												
304805 BRIS	COE RD							Ш	CASEY HAYS	3					
RATLIFF CIT	Υ.		OK	73481-5	802			$\  \cdot \ _{1}$	PO BOX 51						
	,							,	VELMA				OK 73491-		
								l L	V				70401		
Formotics (s)	(Down: 1) / -	lid for L	otod Co	motic C	) mls s\										
Formation(s)	(Permit Va	ilia for Lis			• •										
Name			Code			Depth									
1 PERMIAN	No Consider		459P	RMN		300									
Spacing Orders:	No Spacing				Locat	ion Excep	otion Orders	s: N	o Exceptions			Inc	creased Density Orders:	No Density C	Orders
Pending CD Numb	ers: No Pendi	ing											Special Orders:	No Special C	Orders
Total Depth: 7		Cround E	levation: 1	1050	e.	rface (	Cacina	^		-	anth t	n hasa r	of Treatable Water-Bearing	FM: 190	
		Glound Li	ievation.	1030	30	iiiace (	Casing:	1		_	opin t	o base (	or realable water bearing	1 Wi. 100	
Alternate Casi		.l ( T	D		0			 	D	i Oti					
Cement will b			otai De	ptn to the	Grour	na Suri	ace on	_							
Under Federal Jurisdiction: No						-	Approved Method for disposal of Drilling Fluids:								
Fresh Water Supply Well Drilled: No Surface Water used to Drill: No						A. Evaporation/dewater and backfilling of reserve pit.									
								l <sub>H</sub>	I. CBL REQUIRED	)					
								Ľ	052 112 01112						
PIT 1 INFOR	MATION								Categ	gory of Pit: 2					
Type of Pit System: ON SITE						Liner not required for Category: 2									
Type of Mud System: WATER BASED							Pit Location is: BED AQUIFER								
Chlorides Max: 1000 Average: 700					Pit Location Formation: VANOSS										
Is depth to	top of ground w	ater greate	r than 10ft	below base of	of pit? Y										
Within 1	mile of municipa	l water well	l? N												
	Wellhead Prot	ection Area	? N												
Pit <u>is</u> l	ocated in a Hydr	ologically S	Sensitive A	rea.											
NOTES:															

NOTES:	
Category	Description
ALTERNATE CASING	11/19/2019 - G71 - APPROVED; (1) MUDDING UP PRIOR TO TD TO PROTECT SHALLOW SANDS & (2) 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	11/19/2019 - 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	12/11/2019 - GB6 - S2 SW4 22-1S-5W PRMN UNSPACED, 80-ACRE LEASE (S2 SW4 22-01S-05W)
SURFACE CASING	11/19/2019 - G71 - MIN. 200' PER ORDER 22324