API NUMBER: 143 24368

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

Approval Date: 08/15/2022
Expiration Date: 02/15/2024

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOOK TION		- 10		0.11		105		TI II O A					
WELL LOCATION:			Township:	1	Range:		County:						
SPOT LOCATION:	NE NW	NE	SE	FEET FROM (FROM	SOUTH	FROM	EAST				
				SECTI	ON LINES:		2440		750				
Lease Name:	CWU					Well No	: 18			Well will be	200	feet from nearest unit	or lease boundary.
Operator Name:	LDO LLC				T	elephone	: 9185741	320				OTC/OCC Num	ber: 24147 0
								1 [
LDO LLC									ISH PROPERTI	ES LLC			
								2	525 66 STREET	NORTH			
TULSA,			OK	74137-30	20			$ \ _{T}$	ULSA			OK 74127	
								_					
								_					
Formation(s)	(Permit Val	id for Lis	sted For	mations O	nly):								
Name			Code			Depth		1 [Name			Code	Depth
1 CLEVELAN	D		405CI	_VD	:	200		6	MISSISSIPPIAN			359MSSP	1550
2 OSWEGO			4040	SWG		700		7	WOODFORD			319WDFD	1750
3 BARTLESV	ILLE		404BF	RVL		1150		8	ARBUCKLE			169ABCK	1850
4 TUCKER			404T0	CKR		1320							
5 BURGESS			404BI	RGS		1450							
Spacing Orders:	No Spacin	g			Loca	tion Exce	ption Orde	s: N	o Exceptions		In	creased Density Orders:	No Density
Pending CD Numbers: No Pending Working interest own						ers' notified: ***				Special Orders:	No Special		
		•											
Total Depth: 2	2000	Ground El	evation: 6	12	Sı	ırface	Casing:	100		Depth t	o base	of Treatable Water-Bearin	ng FM: 40
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.						
Surfac	e Water used to I	Orill: No											
PIT 1 INFORMATION						Category of Pit: 4 Liner not required for Category: 4							
Type of Mud System: ON SITE Type of Mud System: AIR						Pit Location is: ALLUVIAL							
i ype or w	iuu oysieiii. Air	`							Pit Location Form				
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 Prote												
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NOTES:

Category	Description
HYDRAULIC FRACTURING	[6/7/2022 - GC2] - OCC 165:10-3-10 REQUIRES:
	1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;
	2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
SPACING	[6/8/2022 - G56] - FORMATIONS UNSPACED; 200 ACRE LEASE (SE4, E2 E2 SW4)