API NUMBER: 143 24328

Oil & Gas

Straight Hole

Notes:

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

Approval Date: 09/17/2019
Expiration Date: 03/17/2021

PERMIT TO DRILL

	Sec: 12 Twp: 21N		County: TULS	SA			
POT LOCATION:	SE SW SW	SE FEET FRO	M QUARTER: FROM	SOUTH FROM	EAST		
Lease Name: (CHALKY WHITE UNIT		Well No:	200 7	2240	Well will be 200 feet from nearest unit or lease boundary	
			Well No.			·	
Operator Name:	LDO LLC			Telephone: 91	85741320	OTC/OCC Number: 24147 0	
LDO LLC	NOLINI ANTE				MSH PRO	PERTIES LLC	
8929 S JOPLIN AVE				2525 E 66 STREET NORTH			
TULSA,		OK 74137	-3020		TULSA	OK 74130	
Formation(s)	(Permit Valid for Li	sted Formations	s Only):				
N	Name		Depth		Name	Depth	
1 0	CLEVELAND		200	6			
	BARTLESVILLE		1160	7			
	BURGESS		1400	8			
4 5				9			
3				,	O		
Spacing Orders: No Spacing L		Location Exception Orders:			Increased Density Orders:		
Pending CD Numb	ers:					Special Orders:	
Total Depth: 15	500 Ground Ele	evation: 619	Surface	Casing: 100		Depth to base of Treatable Water-Bearing FM: 40	
Under Federal J	Jurisdiction: No		Fresh Water	r Supply Well Drilled:	No	Surface Water used to Drill: No	
PIT 1 INFORMATION				Approved Method for disposal of Drilling Fluids:			
Type of Pit Syster				A	. Evaporation/dewat	ter and backfilling of reserve pit.	
Type of Mud Syste	em: AIR						
	ground water greater than 10 nunicipal water well? N	Oft below base of pit?	Y	_			
Wellhead Protecti							
	ted in a Hydrologically Sensit	tive Area.					
Category of Pit:							
∟ıner not require	ed for Category: 4						
	ALLUVIAL						
Pit Location is							
Pit Location is Pit Location Form		asad Mud Poquiros	an Amended Intent (Form 1000\			

Category Description

HYDRAULIC FRACTURING 8/28/2019 - 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 9/16/2019 - GC3 - UNSPACED FORMATIONS, 200-ACRE LEASE (E2 E2 SW4 &SE4)