API NUMBER: 143 24325

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: 06/26/2019
Expiration Date: 12/26/2020

PERMIT TO DRILL

POT LOCATION:		- <del>-</del>	County: TULS	SA SOUTH FROM	EAST		
	<u> </u>	SECTION	LINES:	200	1800		
Lease Name: 0	CHALKY WHITE UNIT		Well No:	5		Well will be	200 feet from nearest unit or lease boundary.
Operator Name:	LDO LLC			Telephone: 9	185741320		OTC/OCC Number: 24147 0
LDO LLC	NDLINI AVE				MSH PR	OPERTIES L	LC
8929 S JOPLIN AVE					ST 66TH STREET NORTH		
TULSA,		OK 74137	-3020		TULSA		OK 74130
1 C 2 C 3 E 4 E	(Permit Valid for I Name CLEVELAND DSWEGO BARTLESVILLE BURGESS	isted Formation	s Only): Depth 200 800 1150 1400	6 7 8 9			Depth
5				1	0		
Spacing Orders: No Spacing		_	Location Exception Orders:		Increased Density Orders:		
ending CD Numb	ers:					S	pecial Orders:
Total Depth: 15	500 Ground E	Elevation: 619	Surface	Casing: 100		Depth	to base of Treatable Water-Bearing FM: 40
Under Federal J	Jurisdiction: No		Fresh Wate	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 Type of Mud Syste				А	. Evaporation/dew	ater and backfillin	g of reserve pit.
Within 1 mile of m Wellhead Protecti Pit is locat Category of Pit: Liner not require Pit Location is Pit Location Form	ed in a Hydrologically Sens 4 d for Category: 4 ALLUVIAL	sitive Area.					

Notes:

Category Description

HYDRAULIC FRACTURING 6/11/2019 - 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 6/25/2019 - G75 - FORMATIONS UNSPACED; 200-ACRE LEASE (E2 E2 SW4 & SE4)