API NUMBER: 119 24437

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: 04/04/2018
Expiration Date: 10/04/2018

PERMIT TO DRILL

		<u> </u>		
VELL LOCATION: Sec: 04 Twp: 20N Rge: 4E	County: PAY	NE		
OT LOOKHON: INV OL OW INL	M QUARTER: FROM	NORTH FROM E	AST	
SECTION	LINES:	2230 1	725	
Lease Name: CANDY	Well No:	1	Well w	ill be 405 feet from nearest unit or lease boundary
Operator KLO LLC Name:		Telephone: 9185	999327; 9185999	OTC/OCC Number: 16112 0
KLO LLC 321 S FRANKFORT AVE			CANDY VINDUS	KA
TULSA, OK 74120	-2428		MARION	KS 66891-
Formation(s) (Permit Valid for Listed Formation	• /		Name	Donth
1 CHECKERBOARD	Depth 3140	6	SKINNER	Depth 3665
2 CLEVELAND	3240	7	RED FORK	3705
3 BIG LIME	3290	8	REBTORK	0700
4 OSWEGO	3360	9		
5 PRUE	3565	10		
Spacing Orders: 670975	Location Exception	Orders:		Increased Density Orders:
Pending CD Numbers:				Special Orders:
Total Depth: 3800 Ground Elevation: 1065	Surface	Casing: 210		Depth to base of Treatable Water-Bearing FM: 160
Under Federal Jurisdiction: No	Fresh Water	r Supply Well Drilled:	No	Surface Water used to Drill: Yes
PIT 1 INFORMATION		Appro	oved Method for disposal o	f Drilling Fluids:
Type of Pit System: ON SITE			vaporation/dewater and ba	
Type of Mud System: WATER BASED		7 ti =	,	3
Chlorides Max: 5000 Average: 3000				
Is depth to top of ground water greater than 10ft below base of pit?	Υ			
Within 1 mile of municipal water well? N				
Wellhead Protection Area? N				
Pit is located in a Hydrologically Sensitive Area.				
Category of Pit: 2				
Liner not required for Category: 2				
Pit Location is BED AQUIFER				

Notes:

Pit Location Formation:

Category Description

HYDRAULIC FRACTURING 3/7/2018 - 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 - 670975 4/3/2018 - G58 - (40) NE4 4-20N-4E

VAC 600797 CCKB, CLVD, OSWG, SKNR, RDFK, OTHER EST CCKB, CLVD, BGLM, OSWG, PRUE, SKNR, RDFK