API NUMBER: 019 25518 Α

Straight Hole

Oil & Gas

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

Approval Date:	02/20/2019
Expiration Date:	08/20/2020

PERMIT TO RECOMPLETE

STOT LOOKTION:	County: CAR FEET FROM QUARTER: FROM SECTION LINES:	SOUTH FROM W	EST		
Lease Name: THIN LIZZY	Well No:	660 66 1-34	0 Well w	vill be 660 feet from nearest unit or lease boundary.	
Operator CHARTER OAK PRODUCTION CO LI		Telephone: 40528		OTC/OCC Number: 21672 0	
CHARTER OAK PRODUCTION CO LLC 13929 QUAIL POINTE DR OKLAHOMA CITY, OK 7	3134-1037		TRIPLEDEE OPI P.O. BOX 1888 ARDMORE	ERATING COMPANY, LLC OK 73402	
Formation(s) (Permit Valid for Listed Form	ations Only):		Name	Depth	
1 DEESE	5000	6		·	
2 DORNICK HILLS	8600	7			
3 WOODFORD	8900	8			
4 HUNTON	9300	9			
5 VIOLA	10100	10			
pacing Orders: 86266	Location Exception	n Orders:		Increased Density Orders:	
Pending CD Numbers:				Special Orders:	
Total Depth: 11518 Ground Elevation: 927	Surface	Casing: 1262	IP	Depth to base of Treatable Water-Bearing FM: 800	
Under Federal Jurisdiction: No	Fresh Wate	er Supply Well Drilled: N	lo	Surface Water used to Drill: No	
		Appro	ed Method for disposal o	of Drilling Fluids:	
Notes:					
Category	Description				
HYDRAULIC FRACTURING	·	1/28/2019 - 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

Category

Description

\$PACING

\$\frac{3/11/2011 - G75 - FORMATIONS UNSPACED EXCEPT DEESE; 280 ACRE LEASE (\$2 LESS SE4 SE4)}{\text{SE4}}\$

\$PACING

\$\frac{2/20/2019 - G56 - FORMATIONS UNSPACED EXCEPT DEESE; 280 ACRE LEASE (\$2 LESS SE4 SE4)}{\text{SE4}}\$

\$PACING - 86266

\$\frac{3/9/2011 - G75 - (40) 34-3S-2W}{\text{EXT 68474 DEESS}}\$

2/20/2019 - G56 - (40) 34-3S-2W EXT 68474 DEESS

SPACING - 86266