API NUMBER: 129 23257 B

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:	05/03/2018
Expiration Date:	11/03/2018

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 22 Twp: 14N Rge: 24	W County: ROG	SER MILLS					
SPOT LOCATION: NE NW SW NW	FEET FROM QUARTER: FROM	SOUTH FROM WEST					
	SECTION LINES:	1140	500				
Lease Name: VIKING	Well No:	1-22	Well	will be 500	feet from nearest	unit or lease boundary.	
Operator APACHE CORPORATION Name:		Telephone: 7	7132966000; 9184914	OTC/	OCC Number:	6778 0	
APACHE CORPORATION 2000 POST OAK BLVD STE 100				DWAYNE ROARK & JUHRETTA ROARK, TRUSTEES P.O. BOX 443			
HOUSTON, TX	77056		CHEYENNE		OK 73	628	

Formation(s)	(Permit Valid for Listed Formation	s Only):				
	Name	Depth		Name	Depth	
1	COTTAGE GROVE	9400	6			
2			7			
3			8			
4			9			
5			10			
Spacing Orders:	128051	Location Exception Orders:			Increased Density Orders:	
	195706		676696			
Pending CD Num	bers: 201802533			_	Special Orders:	

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

Surface Casing: 630

ΙP

Notes:

Total Depth: 13850

Category Description

Ground Elevation: 2101

HYDRAULIC FRACTURING 3/12/2018 - 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;

Depth to base of Treatable Water-Bearing FM: 540

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,

Approved Method for disposal of Drilling Fluids:

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

LOCATION EXCEPTION - 544180 3/19/2018 - G75 - (F.O.) 22-14N-24W

XOTHERS

X128051 CGGV, OTHERS ** 1500' FNL, 500' FWL THE GHK CO., LLC ++

9-14-2007 (WELL SPUD 10-18-2007)

** S/B X128051/195706 CGGV;

++ S/B APACHE CORP.:

LOCATION EXCEPTION - 676696 5/3/2018 - G75 - NPT 544180 TO X128051/195706 CGGV

PENDING CD - 201802533 4/2/2018 - G75 - AMD 544180 CHANGING OPERATOR TO APACHE CORP.

REC 4-23-2018 (MURER)

SPACING - 128051 3/19/2018 - G75 - (640) 22-14N-24W

VAC OTHERS

EXT 125353 CGGV, OTHERS

SPACING - 195706 3/19/2018 - G75 - (640/600/480) 22-14N-24W

VAC OTHERS EXT (640) OTHERS EST (640) OTHER EST (600) OTHER EST (480) OTHER

EXT (640) 112842/146905 CGGV, OTHER