API NUMBER: 017 25610 Α **OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION** P.O. BOX 52000 **OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

Approval Date: 03/03/2020 Expiration Date: 09/03/2021

Oil & Gas Horizontal Hole

nend reason: UPDAT ID ADD FORMATION		CHANGE	WELL NUM	BER,	<u>A</u>	MEND	PEF	RM	IT TO DE	RILL							
WELL LOCATION:	Section:	29	Township	11N	Range	: 8W	County:	CAN	ADIAN								
SPOT LOCATION:	SW SE	SE	SE	FEET FRO	OM QUARTER	: FROM	SOUTH	FRC	M EAST								
				SE	CTION LINES	š:	110		470								
Lease Name:	KEVIN COM					Well No:	1-29H			,	Well will be	110	feet fron	n nearest un	it or leas	se boundary.	
Operator Name:	CIMAREX EI	NERGY CO)		1	Геlephone:	9185851	100					ОТ	C/OCC Nur	nber:	21194 0	
CIMAREX EN	NERGY CO							$\rceil \lceil$	KEVIN MEY	ERS FA	AMILY TR	RUST					
202 S CHEYENNE AVE STE 1000									292 COUNTY STREET 2770								
TULSA,			OK	74103-	3001				MINCO				OK	73059			
1020/1,			OR	74100	0001				MINCO				UK	73059			
								'									
Formation(s)	(Permit Va	alid for L	isted Fo	mations	Only):												
Name			Code	,		Depth											
1 MISSISSIPF	PIAN		359N	ISSP		11800											
2 WOODFOR	D		319V	/DFD		12200											
Spacing Orders:	700687				Loca	ation Excep	tion Orde	rs:	714700			In	creased De	ensity Orders:	No De	ensity Orders	
Pending CD Number	ers: No Pend	ding				Norking int	erest own	ers' n	otified: ***				Sp	ecial Orders:	No Sp	ecial Orders	
Total Depth: 1	17538	Ground I	Elevation:	1293	s	urface (Casing:	15	00		Depth	to base	of Treatable	e Water-Bear	ing FM:	340	
													Deep sur	face casin	g has l	been appro	vec
Under	Federal Jurisdi	ction: No						Г	Approved Metho	od for disa	osal of Dri	llina Flu	ids:				
Fresh Water Supply Well Drilled: No							H	D. One time land application (REQUIRES PERMIT) PERMIT NO: 20-3725						: 20-37256			
Surface Water used to Drill: No								H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED -						JIRED -			
								L	(0)				DIAN RIVER				
PIT 1 INFOR	MATION								Cate	egory of I	Pit: C						
Type of Pit System: CLOSED Closed System Means Steel Pits								Liner not required for Category: C									
Type of Mud System: WATER BASED									Pit Location is: ALLUVIAL								
Chlorides Max: 50	000 Average: 3	000							Pit Location	Formation	n: ALLUV	/IUM					
Is depth to	top of ground v	vater greate	er than 10ft	below base	of pit? Y	,											

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit located in a Hydrologically Sensitive Area.

HORIZONTAL HOLE 1

Section: 29 Township: 11N Range: 8W Meridian: IM Total Length: 4260

> County: CANADIAN Measured Total Depth: 17538

Spot Location of End Point: NW True Vertical Depth: 12260 NE NE

> Feet From: NORTH 1/4 Section Line: 150 End Point Location from Lease, Unit, or Property Line: 150 Feet From: EAST 1/4 Section Line: 1280

NOTES:

Category	Description
DEEP SURFACE CASING	2/28/2020 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	2/28/2020 - 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
LOCATION EXCEPTION - 714700	10/5/2020 - G56 - (I.O.)(IRR UNIT) 29-11N-8W X700687 MSSP, WDFD COMPL INT NCT 150' FSL, NCT 150' FNL, NCT 330' FEL CIMAREX ENERGY CO. 9/30/2020
SPACING - 700687	10/6/2020 - G56 - (734.97)(HOR)(IRR UNIT) 29-11N-8W VAC 130069 MSSLM VAC 144223 WDFD VAC 138217 CSTR EST MSSP, WDFD POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

TOPOGRAPHIC LAND SURVEYORS 13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1292 LS CANADIAN __County, Oklahoma 110'FSL-470'FEL 29___ Township _____11N__ Range __ Section The X= 1981936 entormation shown herein is construction purposes ONLY. NOTE: information shown herein CALCULATED CALCULATED 1976647 MEANDER COR X= 1979585 Y= 147863 LOT 1 LOT 7 BOTTOM HOLE MEANDER COR X= 1981934 Y= 147168 LOT 6 PROPOSED HOTIOM HOLE 150'FNL-1280'FEL NAD-27 (US Feet) 35'24'20.7" N 98'03'53.7" W 35.405762000' N 1979237 DRILL 146320 98.064908220 X= 1976593 1980656 Y 147710 PATH for 1976590 Y= 145414 29 MEANDER COR X= 1981879 LOT 5 LOT 4 LOT 3 LOT 2 OGRAD LANDING POINT 660'FSL-1280'FEL NAD-27 (US Feet) 35'23'38.6" N 98'03'54.3" W 557 1950 35 394059089 98.065089316 X 1980599 143450 SW/4-SW/4 SE/4-SW/4 GRID NAD-27 OK NORTH S/2-SE/4 470' US Feet X= 1979237 Y= 142783 X= 1976593 Y= 142777 500' 1000' 1981879 142796 110 LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. **ELEVATION:** Operator: CIMAREX ENERGY CO. Lease Name: KEVIN COM Well No.: _1-29H_ 1293' Gr. at Level Pad (NGVD29) Topography & Vegetation Loc. fell on existing pad. Reference Stakes or Alternate Location Stakes Set None Good Dril Site? Yes From South off existing road. Best Accessibility to Location _ Distance & Direction From the junc ion of US Hwy. 81 and St. H w. 37, go ±4.4 miles West, then ±2 miles North, from Hwy Jct or Town then ±1 mile West, then ±1 mile North, then ±1 mile West, then ±1 mile North to the SE Cor. of Sec. 29 -T1N-R8W. WAS ESSIONAL Revision X C Date of Drawing: Feb. 4. 20 20 DATUM: NAD-27 LAT: 35°23'33.2" LONG: 98°03'44.5" (NO Project # 133004 Date Staked: Oct. 2, 2018 TR LAT: _35°23'33.2" N LONG: 98'03'44.5"W **CERTIFICATE:** CENSED mation a GPS riz./Vert. THOMAS L LAT: 35.392561230°N Thomas L. Howell an Oklahoma Licensed Land HOWELL LONG: 98.062370947'W s informat d with a foot Horiz:/ Surveyor and an authorized agent of Topographic Land STATE PLANE 1433 Surveyors of Oklahoma, do hereby certify to the COORDINATES: (US Feet) information shown herein ZONE: OK NORTH Oklahoma Lic. No. 1433 OKLAHOMA X: 1981409 LAHOM 14290 4