API NUMBER: 011 24095 prizontal Hole Oil & Gas	OIL & GAS COI P.O OKLAHOMA (Rule	PORATION COMMISSI NSERVATION DIVISION . BOX 52000 CITY, OK 73152-2000 e 165:10-3-1) MIT TO DRILL		Approval Date: Expiration Date:	10/04/2018 04/04/2020
si of zoonnon. <u>ow ow ow</u> s	County: BLAINE EET FROM QUARTER: FROM SOUT ECTION LINES: 300	320			
Lease Name: VESSELS Operator CIMAREX ENERGY CO Name:	Well No: 2H-35 Te	:26X lephone: 9185851100	Well will be	300 feet from nearest	unit or lease boundary. 21194 0
CIMAREX ENERGY CO 202 S CHEYENNE AVE STE 1000 TULSA, OK 74	4103-3001	HOOD FA P.O. BOX GREENFI		OK 730	34
Formation(s) (Permit Valid for Listed Forma Name 1 MISSISSIPPIAN 2 MISSISSIPPI SOLID 3 4	ations Only): Depth 10750 11500	Name 6 7 8 9		Depth	
5 Spacing Orders: 641018 582115	Location Exception Orders:	10	Inci	eased Density Orders:	
Pending CD Numbers: 201806901 201806902 201806903 201806904			Spe	cial Orders:	
Total Depth: 22015 Ground Elevation: 1634	Surface Casin	ng: 1500	Depth to	base of Treatable Water-B	earing FM: 60
Under Federal Jurisdiction: No PIT 1 INFORMATION	Fresh Water Supply	v Well Drilled: No Approved Method for c	lisposal of Drilling	Surface Water use	d to Drill: No
Type of Pit System: CLOSED Closed System Means Stee Type of Mud System: WATER BASED Chlorides Max: 10000 Average: 5000 Is depth to top of ground water greater than 10ft below base Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C		D. One time land app H. CLOSED SYSTEM		RES PERMIT) ER OPERATOR REQUEST	PERMIT NO: 18-35242
Pit Location is BED AQUIFER Pit Location Formation: RUSH SPRINGS					

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

BLAINE Sec 26 Twp 15N Rge 12W County Spot Location of End Point: N2 NI\// NI\// ΝΙ\Λ/ Feet From: NORTH 1/4 Section Line: 150 Feet From: WEST 1/4 Section Line: 330 Depth of Deviation: 11575 Radius of Turn: 573 Direction: 1 Total Length: 9540 Measured Total Depth: 22015 True Vertical Depth: 12575 End Point Location from Lease. Unit. or Property Line: 150 Notes: Description Category DEEP SURFACE CASING 10/3/2018 - G71 - APPROVED: NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING HYDRAULIC FRACTURING 10/3/2018 - 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 INTERMEDIATE CASING 10/3/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES 10/3/2018 - G75 - 35-15N-12W PENDING CD - 201806901 X641018 MSSP 1 WELL NO OP. NAMED REC 9-25-2018 (NORRIS) PENDING CD - 201806902 10/3/2018 - G75 - 26-15N-12W X582115 MSSSD 1 WELL NO OP. NAMED REC 9-25-2018 (NORRIS) PENDING CD - 201806903 10/3/2018 - G75 - (I.O.) 35 & 26-15N-12W EST MULTIUNIT HORIZONTAL WELL X641018 MSSP 35-15N-12W X582115 MSSSD 35-15N-12W 50% 35-15N-12W 50% 26-15N-12W CIMAREX ENERGY CO. REC 9-25-2018 (NORRIS) ** S/B X582115 MSSSD 26-15N-12W; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR

REVIEW PER ATTORNEY FOR OPERATOR

Category	Description
PENDING CD - 201806904	10/3/2018 - G75 - (I.O.) 35 & 26-15N-12W X641018 MSSP 35-15N-12W X582115 MSSD 35-15N-12W ** COMPL. INT. (35-15N-12W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (26-15N-12W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL NO OP. NAMED REC 9-25-2018 (NORRIS) ** S/B X582115 MSSD 26-15N-12W; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR
SPACING - 582115	10/3/2018 - G75 - (640) 26-15N-12W EXT OTHERS EST MSSSD, OTHERS
SPACING - 641018	10/3/2018 - G75 - (640) 35-15N-12W VAC 117120 CSTR, MPLM EXT OTHER EST MSSP

