API NUMBER: 017 25856

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

Approval Date: 09/15/2022
Expiration Date: 03/15/2024

Multi Unit Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section:	23	Township:	: 14N	Range:	9W	County: C	ANADIAN				
SPOT LOCATION:	SE SE	SW	sw	FEET FRO	M QUARTER:	FROM	SOUTH	FROM WEST				
				SEG	CTION LINES:		239	1117				
Lease Name:	EVANS					Well No:	3H-2635X		Well will be	239 fee	et from nearest uni	t or lease boundary.
Operator Name:	CIMAREX EN	ERGY CO	)		Te	elephone:	91858511	00			OTC/OCC Nun	nber: 21194 0
CIMAREX EN	NERGY CO							DANNY J. MOO	RE			
202 S CHEYI	ENNE AVE S	STE 100	00					16238 192ND S	TR. N.W.			
TULSA,			OK	74103-3	3001			CALUMET		(	OK 73014	
Formation(s)	(Permit Va	lid for l	istad For	mations (	July).							
Name	(i cilliit va	iiu ioi L	Code									
1 WOODFOR	D		3191			<b>Depth</b> 11232						
Spacing Orders:	561977 580450		0.01				tion Orders:	No Exceptions	s	Increas	sed Density Orders:	728364 728365
Pending CD Numb	ers: 2022029	M5						a' natified: ***			Special Orders:	No Special
							aract awaar					
rending CD Numb	2022029				vv	orking inte	erest owner	s riotilled.				·
	2022029	952	=levation: ·	1421				s nounea.	Depth to	o base of Tr	eatable Water-Beari	·
Total Depth: 2	2022029	952	Elevation:	1421			erest owner	s nounea.	Depth to		eatable Water-Beari	ng FM: 460
Total Depth: 2	2022029 21190	952 Ground I	Elevation: '	1421				1500		Deep		·
Total Depth: 2	2022029 21190 Federal Jurisdic	Ground I	Elevation: ^	1421				1500 Approved Method for	r disposal of Drilli	Deep	surface casin	ng FM: 460 g has been approved
Total Depth: 2  Under Fresh Wate	2022029 21190	Ground I stion: No illed: No	Elevation: '	1421				Approved Method for D. One time land appli	r disposal of Drilli	Deepong Fluids:	o surface casin	ng FM: 460
Total Depth: 2  Under Fresh Wate	2022029 21190 Federal Jurisdic er Supply Well Dri	Ground I stion: No illed: No	Elevation: ^	1421				1500 Approved Method for	r disposal of Drilli	Deep	o surface casin	ng FM: 460 g has been approved
Total Depth: 2  Under Fresh Wate	2022029 21190 Federal Jurisdic or Supply Well Dri e Water used to	Ground I stion: No illed: No	Elevation:	1421				Approved Method for D. One time land appli H. (Other)	r disposal of Drilli	Deepong Fluids:	o surface casin	ng FM: 460 g has been approved
Total Depth: 2  Under Fresh Wate Surface	2022029 21190 Federal Jurisdic or Supply Well Dri e Water used to	Ground I Ground I stion: No illed: No Drill: No			Su			Approved Method for D. One time land appli H. (Other)	r disposal of Drilli ication (REQUIRI	Deepong Fluids:	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M	2022029 21190  Federal Jurisdictor Supply Well Drie Water used to  MATION Pit System: CL lud System: W/	Ground I  dition: No illed: No Drill: No	losed Syste		Su			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI ication Control (REQUIRI y of Pit: Control (REQUIRI) or Category: Control (REQUIRI)	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50	2022029 21190  r Federal Jurisdic or Supply Well Dri e Water used to  MATION Pit System: CL lud System: W/ 000 Average: 30	Ground I  stion: No illed: No Drill: No	losed Syste	em Means St	Su eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI s y of Pit: C or Category: C	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of Type of M Chlorides Max: 50 Is depth to	2022029 21190 21190 2 Federal Jurisdictor Supply Well Drive Water used to 2 MATION Pit System: CL. lud System: W. 000 Average: 300 top of ground water	Ground I stion: No silled: No Drill: No OSED C ATER BAS	losed Syste SED er than 10ft	em Means St	Su eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI ication Control (REQUIRI y of Pit: Control (REQUIRI) or Category: Control (REQUIRI)	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of Type of M Chlorides Max: 50 Is depth to	2022029 21190 2119	Ground I stion: No silled: No Drill: No OSED C ATER BAS	losed Syste SED or than 10ft II? N	em Means St	Su eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI ication Control (REQUIRI y of Pit: Control (REQUIRI) or Category: Control (REQUIRI)	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1	2022029 21190  Federal Jurisdictor Supply Well Drive Water used to  MATION Pit System: CL lud System: W/ 000 Average: 30 top of ground w/ mile of municipal Wellhead Prote	Ground I  dilled: No Drill: No  OSED C  ATER BAS 000 ater greate I water we ection Are.	losed Syste SED er than 10ft II? N a? N	em Means St below base (	Su eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI ication Control (REQUIRI y of Pit: Control (REQUIRI) or Category: Control (REQUIRI)	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1	2022029 21190 2119	Ground I  dilled: No Drill: No  OSED C  ATER BAS 000 ater greate I water we ection Are.	losed Syste SED er than 10ft II? N a? N	em Means St below base (	Su eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Loca	r disposal of Drilli ication (REQUIRI ication Control (REQUIRI y of Pit: Control (REQUIRI) or Category: Control (REQUIRI)	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of Type of M Chlorides Max: 50 Is depth to Within 1 Pit <u>is</u> le	2022029 21190 2 Federal Jurisdice of Supply Well Drie Water used to 2 MATION Pit System: CL 2 Lud System: W/ 2 COO Average: 3 Coop of ground w/ 2 mile of municipal 3 Wellhead Prote 3 cocated in a Hydro 3 MATION	Ground I  ction: No illed: No Drill: No  OSED C  ATER BAS 000 ater greate I water we ection Are ologically:	losed Syste SED er than 10ft II? N a? N Sensitive Ar	em Means St below base o	eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Local Pit Location Form	r disposal of Drillinication (REQUIRI y of Pit: C or Category: C ation is: AP/TE D mation: TERRAC	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1 Pit is le  PIT 2 INFOR Type of	2022029 21190  Federal Jurisdice of Supply Well Drie Water used to  MATION  Pit System: CL  Ind System: Well Drie of ground were well be of ground were well be ocated in a Hydro  MATION  Pit System: CL	Ground I  stion: No iilled: No Drill: No  OSED C  ATER BAS 000 ater greate I water we ection Are ologically:	losed Syste SED er than 10ft II? N a? N Sensitive Ar	em Means St below base o	eel Pits			Approved Method for D. One time land appli H. (Other)  Categor, Liner not required for Pit Location Ford  Categor, Liner not required for	r disposal of Drillinication (REQUIRI y of Pit: C or Category: C ntion is: AP/TE D mation: TERRAC	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1 Pit is Id  PIT 2 INFOR Type of M	2022029 21190  Federal Jurisdict or Supply Well Dri e Water used to  MATION Pit System: CL dud System: W/ 000 Average: 30 top of ground w/ mile of municipal Wellhead Prote ocated in a Hydro  MATION Pit System: CL dud System: Oll	Ground I  dilled: No Drill: No  OSED C  ATER BAS  OO ater greate I water we ection Are: clologically:	losed Syste SED er than 10ft II? N a? N Sensitive Ar	em Means St below base o	eel Pits			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Location Fore  Category Liner not required for Pit Location Fore	r disposal of Drilli r disposal of Drilli r disposal of Drilli y of Pit: C or Category: C attion is: AP/TE D mation: TERRAC  y of Pit: C or Category: C attion is: AP/TE D	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1 Pit is Is  PIT 2 INFOR Type of M Chlorides Max: 30	2022029 21190  Federal Jurisdict or Supply Well Dri e Water used to  MATION Pit System: CL lud System: W 000 Average: 30 or top of ground w mile of municipal Wellhead Prote ocated in a Hydro  MATION Pit System: CL lud System: Cl lud System: Oll 00000 Average:	Ground I  dilled: No Drill: No  OSED C  ATER BAS  OO0 ater greate I water we ection Are- clologically:  OSED C  L BASED  200000	losed Syste SED er than 10ft II? N a? N Sensitive Ar	em Means St below base of rea.	eel Pits of pit? Y			Approved Method for D. One time land appli H. (Other)  Categor, Liner not required for Pit Location Ford  Categor, Liner not required for	r disposal of Drilli r disposal of Drilli r disposal of Drilli y of Pit: C or Category: C attion is: AP/TE D mation: TERRAC  y of Pit: C or Category: C attion is: AP/TE D	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1 II Pit is Ic  PIT 2 INFOR Type of M Chlorides Max: 30 Is depth to	2022029 21190 2119	Ground I  stion: No illed: No Drill: No  OSED C  ATER BAS  000 ater greate I water we ection Area ologically:  OSED C  L BASED  200000 ater greate	losed Syste SED or than 10ft II? N a? N Sensitive Ar	em Means St below base of rea.	eel Pits of pit? Y			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Location Fore  Category Liner not required for Pit Location Fore	r disposal of Drilli r disposal of Drilli r disposal of Drilli y of Pit: C or Category: C attion is: AP/TE D mation: TERRAC  y of Pit: C or Category: C attion is: AP/TE D	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved
Under Fresh Wate Surface  PIT 1 INFOR Type of M Chlorides Max: 50 Is depth to Within 1 II Pit is Ic  PIT 2 INFOR Type of M Chlorides Max: 30 Is depth to	2022029 21190  Federal Jurisdict or Supply Well Dri e Water used to  MATION Pit System: CL lud System: W 000 Average: 30 or top of ground w mile of municipal Wellhead Prote ocated in a Hydro  MATION Pit System: CL lud System: Cl lud System: Oll 00000 Average:	Ground I  stion: No illed: No Drill: No  OSED C  ATER BAS  OO  ater greate I water we ection Are ologically:  OSED C  L BASED  200000  ater greate I water we ater greate I water we ater greate I water we	losed Syste SED er than 10ft II? N Sensitive Al losed Syste er than 10ft II? N	em Means St below base of rea.	eel Pits of pit? Y			Approved Method for D. One time land appli H. (Other)  Category Liner not required for Pit Location Fore  Category Liner not required for Pit Location Fore	r disposal of Drilli r disposal of Drilli r disposal of Drilli y of Pit: C or Category: C attion is: AP/TE D mation: TERRAC  y of Pit: C or Category: C attion is: AP/TE D	Deep ng Fluids: ES PERMIT SEE MEMO	o surface casin	ng FM: 460 g has been approved

**MULTI UNIT HOLE 1** 

Section: 35 Township: 14N Range: 9W Meridian: IM Total Length: 10260

County: CANADIAN Measured Total Depth: 21190

Spot Location of End Point: SW SW SE SW True Vertical Depth: 11332

Feet From: SOUTH

1/4 Section Line: 150

End Point Location from
Lease, Unit, or Property Line: 150

## NOTES:

NOTES:	
Category	Description
DEEP SURFACE CASING	[9/8/2022 - GC2] - 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	[9/8/2022 - GC2] - OCC 165:10-3-10 REQUIRES:
	1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;
	2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INCREASED DENSITY - 728364	[9/15/2022 - G56] - 26-14N-9W X580450 WDFD 5 WELLS CIMAREX ENERGY CO 9/12/2022
INCREASED DENSITY - 728365	[9/15/2022 - G56] - 35-14N-9W X561977 WDFD 5 WELLS CIMAREX ENERGY CO 9/12/2022
INTERMEDIATE CASING	[9/8/2022 - GC2] - 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
MEMO	[9/8/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202202945	[9/15/2022 - G56] - (I.O.) 26 & 35-14N-9W EST MULTIUNIT HORIZONTAL WELL X580450 WDFD 26-14N-9W X561977 WDFD 35-14N-9W 50% 26-14N-9W 50% 35-14N-9W NO OP NAMED REC 8/23/2022 (MILLER)
PENDING CD - 202202952	[9/15/2022 - G56] - (I.O.) 26 & 35-14N-9W X580450 WDFD 26-14N-9W X561977 WDFD 35-14N-9W COMPL INT (26-14N-9W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FWL COMPL INT (35-14N-9W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FWL CIMAREX ENERGY CO REC 8/23/2022 (MILLER)
SPACING - 561977	[9/15/2022 - G56] - (640) 35-14N-9W EXT 213936 WDFD, OTHERS
SPACING - 580450	[9/15/2022 - G56] - (640) 26-14N-9W EXT 561977 WDFD