API NUMBER: 043 23777

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

Approval Date: 06/05/2023
Expiration Date: 12/05/2024

Horizontal Hole Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section:	35	Township	- 10N	Range:	15\\\	County: I	)EWEV								
			<u> </u>													
SPOT LOCATION:	S2 S2	SE	SE	FEE	T FROM QUARTER:		SOUTH	FROM EAST								
					SECTION LINES:		170	660								
Lease Name:	CHAIN					Well No:	35-1H		1	Well will be	170	feet from	n nearest uni	t or leas	e boundar	y.
Operator Name:	COMANCHE	EXPLORA	ATION CO I	LLC	Т	elephone:	40575559	900				ОТ	C/OCC Nun	nber:	20631	0
COMANCHE	-	TION CO	O LLC	731 <sup>,</sup>	16-7334				AND & CA <sup>-</sup> STATE HW		D., INC./	/ MONT			DENT	
ORLANOWIA	OIII,		OK	751	10 7 33 4			CANTON	· · · · · · · · · · · · · · · · · · ·			UK	73724-	1233		
Formation(s)	(Permit V	alid for I	isted Fo	rmatio	ns Only).											
. ,	(i Cilliit v					D 11-										
Name			Code			Depth										
1 MISSISSIPP			3591	MSSP		9165										
Spacing Orders:	726753				Loca	tion Excep	otion Order	s: 729823			Inc	creased De	ensity Orders:	No	Density	y
Pending CD Number	ers: No F	ending	 ]		v	Vorking int	erest owne	rs' notified: DN	A			Sp	ecial Orders:	No	Specia	I
Total Depth: 1	5188	Ground	Elevation:	1020	•					Danth	n to hase o	of Trantabl	- W-4 D	na FM:	330	
		Or Duriu	∟ı∈vallUII.	1929	51	urface (	Casing:	850		Depti	i to base c	n meatabl	e Water-Beari	ng i ivi.	320	
		Ground	LievaliUII.	1929	51	urface (	Casing:	850		Deptr						oroved
		Ground	LievaliUII:	1929	31	urface (	Casing:	850		Бери			face casin			proved
Under	Federal Jurisd	liction: No	,	1323	51	urface (	Casing:		ethod for disp		D	eep sur				oroved
Under Fresh Water	Federal Jurisd r Supply Well D	liction: No Orilled: No		1929	51	urface (	Casing:	Approved M	ethod for disp	oosal of Dri	D illing Fluid	eep sur	face casin	g has t		proved
Under Fresh Water	Federal Jurisd	liction: No Orilled: No		1929	50	urface (	Casing:	Approved M		oosal of Dri	D illing Fluid	eep sur	face casin	g has t	oeen app	proved
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HORIZONTAL HOLE 1

Section: 35 Township: 19N Range: 15W Meridian: IM Total Length: 4995

County: DEWEY Measured Total Depth: 15188

True Vertical Depth: 10193

Spot Location of End Point: NW NE NE NE

Feet From: NORTH

1/4 Section Line: 135

End Point Location from
Lease,Unit, or Property Line: 135

NOTES:	
Category	Description
DEEP SURFACE CASING	[5/25/2023 - GC2] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	[5/25/2023 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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
INTERMEDIATE CASING	[5/25/2023 - 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
LOCATION EXCEPTION - 729823	[6/4/2023 - G56] - (I.O.) 35-19N-15W X726753 MSSP COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL COMANCHE EXPLORATION CO, LLC 11/14/2022
МЕМО	[5/25/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 726753	[6/4/2023 - G56] - (640)(HOR) 35-19N-15W VAC 78076 CRLM, MSSLM, OTHER EST MSSP, OTHERS COMPL INT NLT 660' FB