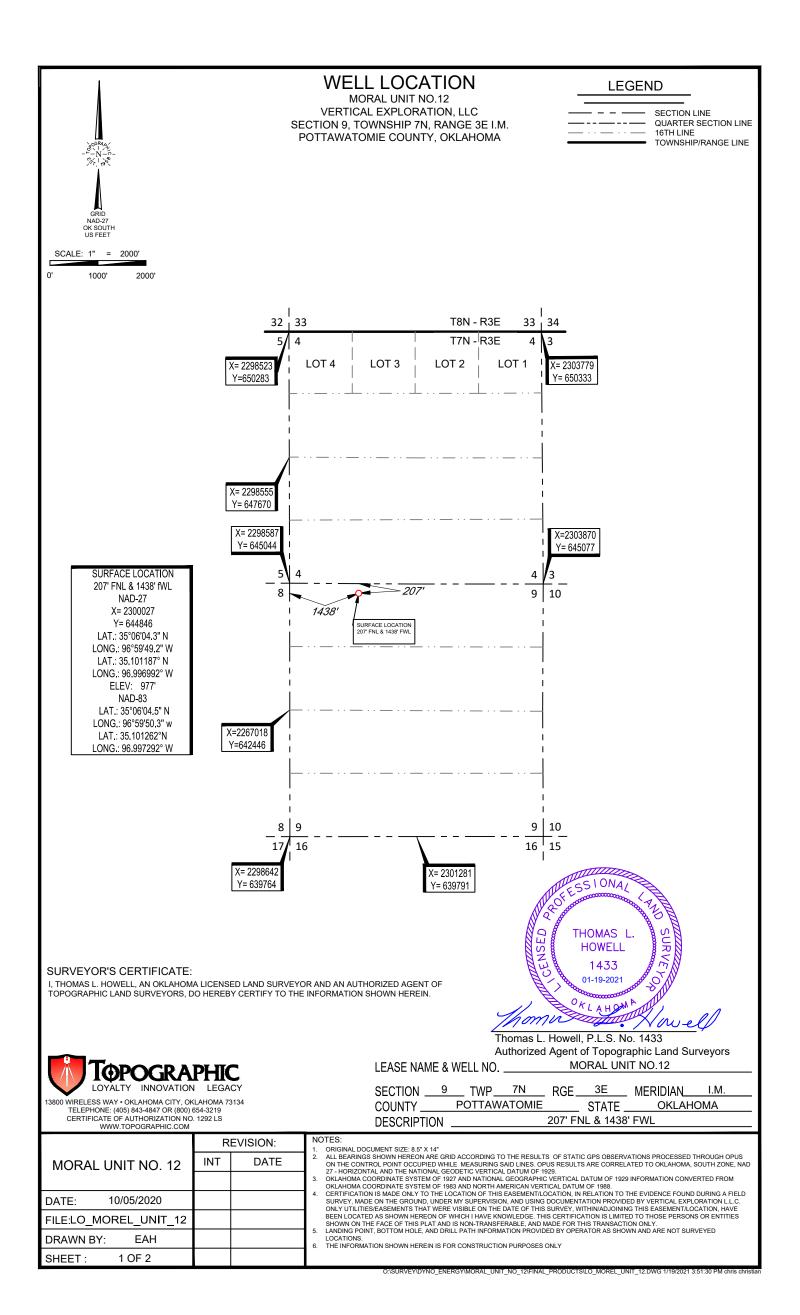
			OKL	АНОМА.		ORA	TION COMMIS	SSION					
API NUMBER:	125 23956		OIL & GAS CONSERVATION DIVISION P.O. BOX 52000					Approval Date: Expiration Date:	01/20/202				
Straight Hole	OKLAHOMA CITY, OK 73152-2000						Expiration Date.	01120/201					
				PE	RMIT	- то	<u>D DRILL</u>						
WELL LOCATION:	Section: 09	Township: 7N	Rang	e: 3E	County:	POTT	AWATOMIE						
SPOT LOCATION:	NW NW NE	NW	FEET FROM QUARTE	R: FROM	NORTH	FRO	M WEST						
			SECTION LINE	IS:	207		1438						
Lease Name:	MORAL UNIT			Well No	: #12			w	ell will be	1438	feet from neare	st unit or lea	se boundary
Operator Name:	VERTICAL EXPLORAT	TION LLC		Telephone	: 4055271	1232					OTC/OCC	Number:	24561 0
VERTICAL E	EXPLORATION LLC	:] [ANN HUNT LI	IVING 1	IRUST [DATED	0 9/25/1995		
2915 STATE	HWY 74 S						31509 GADD	Y RD					
PURCELL,		OK 73	3080-6266				MACOMB				OK 748	352	
						L							
Formation(s)	(Permit Valid for L	Listed Forma	tions Only):										

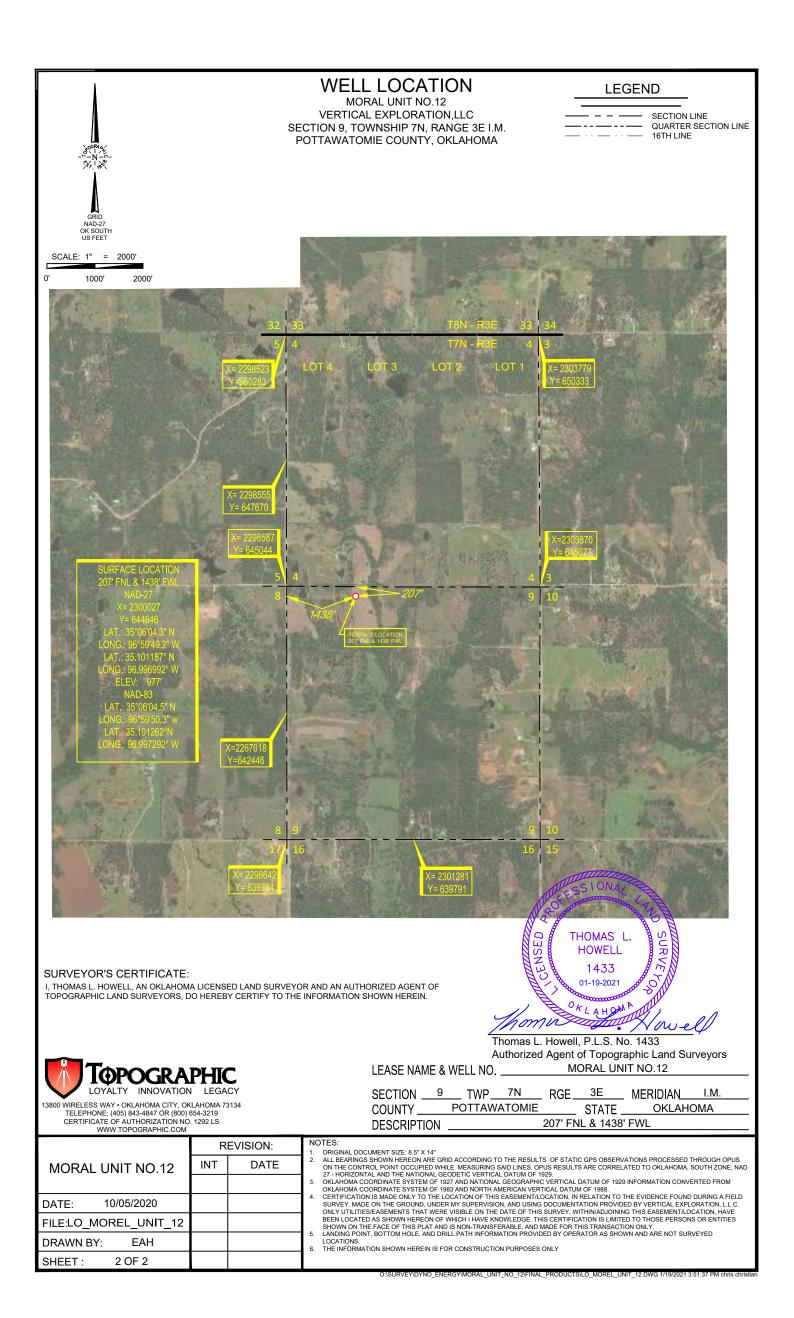
News	0 - da	Barth						
Name	Code	Depth						
I WOODFORD-HUNTON	319WDHN	4350						
Spacing Orders: 600733		Location Exception Orders:	No Exceptions	Increased De	nsity Orders: No Density Orders			
Pending CD Numbers: No Pending Working interest own			' notified: ***	ecial Orders: No Special Orders				
Total Depth: 4900 Groun	nd Elevation: 977	Surface Casing: 5	500	Depth to base of Treatable	e Water-Bearing FM: 400			
Under Federal Jurisdiction:	No		Approved Method for disposa	al of Drilling Fluids:				
Fresh Water Supply Well Drilled:	No		D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37493					
Surface Water used to Drill:	Yes		H. (Other)	. (Other) CLOSED SYSTEM=STEEL PITS PER OPERA REQUEST				
PIT 1 INFORMATION			Category of Pit:	С				
Type of Pit System: CLOSED	Closed System Means	Steel Pits	Liner not required for Category: C					
Type of Mud System: WATER I	BASED		Pit Location is:	BED AQUIFER				
Chlorides Max: 8000 Average: 5000			Pit Location Formation:	OSCAR				
Is depth to top of ground water gre	eater than 10ft below bas	e of pit? Y						
Within 1 mile of municipal water	well? N							
Wellhead Protection	Area? N							
Pit is located in a Hydrologica	Ily Considius Area							

NOTES:

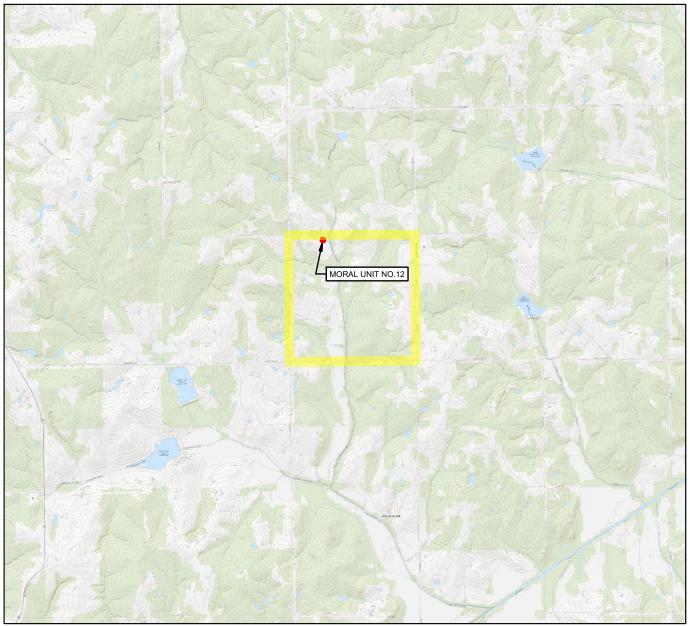
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description			
HYDRAULIC FRACTURING	[1/11/2021 - 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 PRODUCIN 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			
SPACING - 600733	[1/13/2021 - G56] - (UNIT) NW4, SW4 NE4, NW4 SE4 9-7N-3E EST NE MORAL WDFD/HNTN UNIT FOR WDHN			





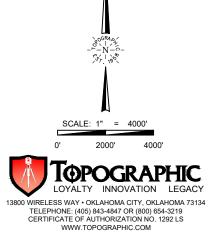
LOCATION & ELEVATION VERIFICATION MAP

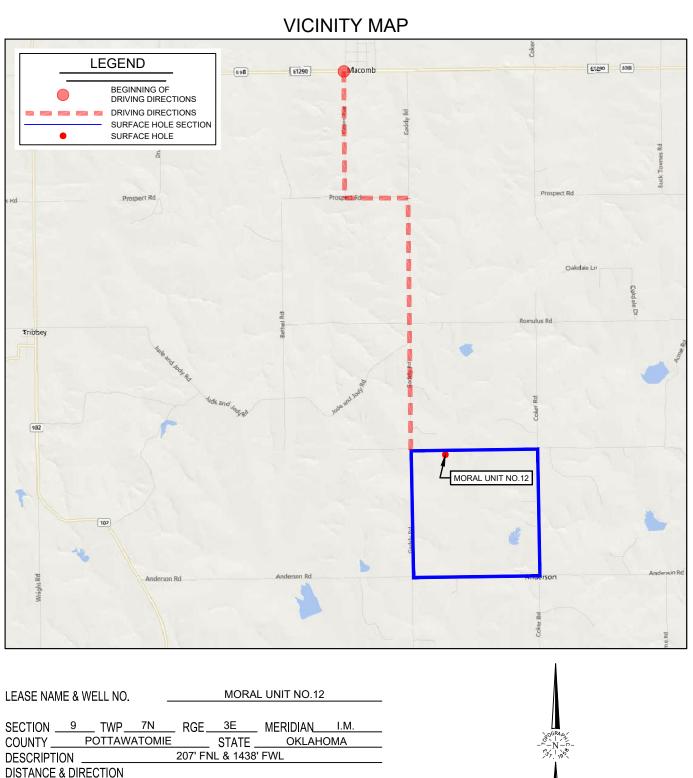


LEASE NAME &	WELL NO.		MORAL UNIT NO.12					
	TWP7N POTTAWATOM							
DESCRIPTION	207' FN	NL & 1438'	FWL					
ELEVATION								

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY VERTICAL EXPLORATION L.L.C.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.





DRIVING DIRECTIONS: FROM MACOMB OKLAHOMA, TAKE KIMES RD. SOUTH FOR APPROXIMATELY ONE MILE UNTIL IT DEAD END AT PROSPECT ROAD. TAKE PROSPECT ROAD EAST FOR A HALF MILE. GO SOUTH ON N337 RD FOR APPROXIMATELY 2.05 MILES TO THE NORTHWEST CORNER SEC.9-T7N-R3E.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY VERTICAL EXPLORATION L.L.C.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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