API NUMBER: 085 21314 A

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

Approval Date: 01/27/2020
Expiration Date: 07/27/2021

Multi Unit Oil & Gas

Amend reason: CHANGE SHL

AMEND PERMIT TO DRILL

_					
Township: 7S Ra	nge: 2E County:	LOVE			
/ SW FEET FROM QUA	RTER: FROM SOUTH	FROM WEST			
SECTION	LINES: 2298	470			
	Well No: 1-34H27	x	Well will be 470 feet from nearest unit or lease boundary.		
	Telephone: 4053193	200; 8178852283	OTC/OCC Number: 21003 0		
SE PKWY		BILL & MARY PI	RICE		
	5	P O BOX 449			
17 77303-1423	,	1 1	01/ 70450		
		THACKERVILLE	OK 73459		
		J			
isted Formations Only	v):				
		1			
	•				
2035LVN	17722				
I	Location Exception Order	s: No Exceptions	Increased Density Orders: No Density Orders		
			Special Orders: No Special Orders		
Elevation: 862	Surface Casing:	1990	Depth to base of Treatable Water-Bearing FM: 770		
			Deep surface casing has been approved		
1		Approved Method for	disposal of Drilling Fluids:		
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No		D. One time land application (REQUIRES PERMIT) PERMIT NO: 20-37211			
Surface Water used to Drill: No			CAUDIT (REQUIRES FERIVITI) FERIVITI NO. 20-3/211		
		11. OLL IVILIVIO			
		Catogory	y of Pit- C		
PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits			Category of Pit: C Liner not required for Category: C		
Type of Mud System: WATER BASED			Pit Location is: NON HSA		
Chlorides Max: 5000 Average: 3000					
	SW FEET FROM QUA SECTION SECTION SECTION SECTION SECTION TO THE SECTION SECTIO	SW FEET FROM QUARTER: FROM SOUTH SECTION LINES: 2298 Well No: 1-34H27.	SW FEET FROM QUARTER: FROM SOUTH FROM WEST		

Category of Pit: C

Pit Location Formation: BOKCHITO

Pit Location is: NON HSA

Liner not required for Category: C

Wellhead Protection Area? N

Pit <u>is not</u> located in a Hydrologically Sensitive Area.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Is depth to top of ground water greater than 10ft below base of pit? Y

Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? $\,\,$ Y

Within 1 mile of municipal water well? N
Wellhead Protection Area? N

Within 1 mile of municipal water well? N

Pit is not located in a Hydrologically Sensitive Area.

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.

MULTI UNIT HOLE 1

Section: 27 Township: 7S Range: 2E Total Length: 7720

County: LOVE Measured Total Depth: 25950

Spot Location of End Point: NE NW NW NW True Vertical Depth: 17900

Feet From: NORTH 1/4 Section Line: 50 End Point Location from
Feet From: WEST 1/4 Section Line: 528 Lease,Unit, or Property Line: 50

NOTES:	
Category	Description
DEEP SURFACE CASING	1/13/2020 - 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	1/13/2020 - 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
МЕМО	1/13/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201905389	1/24/2020 - GB1 - (E.O.)(640)(HOR) 27-7S-2E EST MSSP, WDFD, SLVN COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL COMPL INT (MSSP, SLVN) NLT 660' FB REC 1/27/2020 (MACGUIGAN)
PENDING CD - 201905390	1/23/2020 - GB1 - (E.O.)(640)(HOR) 34-7S-2E EXT 692742 WDFD EST MSSP, SLVN COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL COMPL INT (MSSP, SLVN) NLT 660' FB REC 1/27/2020 (MACGUIGAN)
PENDING CD - 201905391	1/24/2020 - GB1 - (E.O.) 27 & 34-7S-2E EST MULTIUNIT HORIZONTAL WELL X201905390 MSSP, WDFD, SLVN 34-7S-2E X201905389 MSSP, WDFD, SLVN 27-7S-2E (MSSP, SLVN ADJACENT COMON SOURCES OF SUPPLY TO WDFD) 32.74% 34-7S-2E 67.26% 27-7S-2E XTO ENERGY INC REC 1/27/2020 (MACGUIGAN)
PENDING CD - 201905392	1/24/2020 - GB1 - (E.O.) 27 & 34-7S-2E X201905390 MSSP, WDFD, SLVN 34-7S-2E X201905389 MSSP, WDFD, SLVN 27-7S-2E COMPL INT (34-7S-2E) NCT 1320' FNL/FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (27-7S-2E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL XTO ENERGY INC REC 1/27/2020 (MACGUIGAN)

