API NUMBER: 043 23764

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

Approval Date: 09/20/2022
Expiration Date: 03/20/2024

Multi Unit Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section: 08	To	ownship:	17N Rar	nge: 16W	County: D	DEWEY						
SPOT LOCATION:	SW SW	SW	sw	FEET FROM QUAR	TER: FROM	SOUTH	FROM WEST						
				SECTION L	NES:	180	80						
Lease Name:	HARRY BUTLE	R 7/12 PB			Well No	: 1HS		Well will be	80	feet from n	earest unit	or lease	boundary.
Operator Name:	MEWBOURNE	OIL COMP	ANY		Telephone	90356129	00			OTC/0	OCC Numb	oer:	6722 0
MEWBOURN 3620 OLD BU		ANY					DEBRA HALLM 3224 NW 11TH	•	RI BUTL	ER AND I	ROBERT	E. LEI	Ε
TYLER,			TX	75701-8644			OKLAHOMA CI	TY		OK	73107		
Formation(s)	(Permit Valid	d for List	ed For	mations Only	):								
Name	•		Code	-	Depth								
1 CHEROKEE	<u> </u>		404CH	HRK	9120								
Spacing Orders:	726754				esstion Fues	ntion Ordon	. 700405		Inc	reased Densi	ity Ordore:	No F	ensity
3	727237				ocalion Exce	eption Orders	: 728405		IIIC	ieaseu Delisi	ity Orders.	INO L	ensity
	728478												
Pending CD Number	ers: No Per	ndina			Working in	nterest owner	s' notified: ***			Speci	ial Orders:	No S	pecial
					WOIKING II	iterest owner	s notined.						
Total Depth: 1		Ground Ele	vation: 1	917	Ü	Casing:		Depth	to base o	of Treatable W	Vater-Bearin		20
		Ground Ele	vation: 1	917	Ü					of Treatable W	Vater-Bearin		20
Under Fresh Water	Federal Jurisdiction	Ground Ele	vation: 1	917	Ü		500	r disposal of Dri	lling Fluid	of Treatable W		g FM: 3	22-38540
Under Fresh Water	8185 (	Ground Ele	vation: 1	917	Ü		500 Approved Method fo	r disposal of Dri	lling Fluid	of Treatable W		g FM: 3	
Under Fresh Water Surface	Federal Jurisdiction r Supply Well Drille e Water used to Dr	Ground Ele	vation: 1	917	Ü		Approved Method for D. One time land app H. (Other)	r disposal of Dri	Iling Fluid	of Treatable W		g FM: 3	
Under Fresh Water Surface	Federal Jurisdiction r Supply Well Drille e Water used to Dr	Ground Electors No ed: No rill: No			Surface		Approved Method for D. One time land app H. (Other)	r disposal of Dri ication (REQUI	Iling Fluid	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of I	Federal Jurisdiction r Supply Well Drille e Water used to Dri MATION	Ground Electors No ed: No rill: No	sed Syster		Surface		Approved Method for D. One time land app H. (Other)  Categor	r disposal of Dri ication (REQUI	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of M	Federal Jurisdiction r Supply Well Drille e Water used to Dr  MATION Pit System: CLO	Ground Electors: No ed: No rill: No SED Clos	sed Syster		Surface		Approved Method for D. One time land app H. (Other)  Categor	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of M Chlorides Max: 80	Federal Jurisdictic r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT	Ground Electron: No ed: No rill: No SED Clos	eed Syster	m Means Steel Pi	Surface		Approved Method for D. One time land app H. (Other)  Categor Liner not required for Pit Local Control	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80	Federal Jurisdiction of Supply Well Drille e Water used to Drille e Water used to Drille System: CLO ud System: WAT 000 Average: 5000	Ground Electors: No ed: No rill: No SED ClostER BASELD Corregators of the property of the prop	sed Syster O han 10ft b	m Means Steel Pi	Surface		Approved Method for D. One time land app H. (Other)  Categor Liner not required for Pit Local Control	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r	Federal Jurisdictic r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protec	Ground Electron: No card: No card: No card: No card: No card: No card: SED Clos card: Card	sed Syster O han 10ft b N	m Means Steel Pi below base of pit?	Surface		Approved Method for D. One time land app H. (Other)  Categor Liner not required for Pit Local Control	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r	Federal Jurisdiction r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground water mile of municipal w	Ground Electron: No card: No card: No card: No card: No card: No card: SED Clos card: Card	sed Syster O han 10ft b N	m Means Steel Pi below base of pit?	Surface		Approved Method for D. One time land app H. (Other)  Categor Liner not required for Pit Local Control	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r	Federal Jurisdictic r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protec ocated in a Hydrolo	Ground Electron: No card: No card: No card: No card: No card: No card: SED Clos card: Card	sed Syster O han 10ft b N	m Means Steel Pi below base of pit?	Surface		Approved Method for D. One time land app H. (Other)  Categorical Liner not required for Pit Location For Pit Location For Design Categorical Pit Location For Pit Location For Design Categorical Pit Location Pit Location For Design Categorical Pit Location For Design Categorical Pit Location P	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r Pit is lo	Federal Jurisdictic r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protec ocated in a Hydrolo	Ground Electors: No card: No card: No card: No card: No card: No card: SED Closs FER BASED of card greater the card: Septicially Services of card: Services	sed Syster O han 10ft b N N N	m Means Steel Pi below base of pit?	Surface		Approved Method for D. One time land app H. (Other)  Categorical Liner not required for Pit Location For Pit Location For Design Categorical Pit Location For Pit Location For Design Categorical Pit Location Pit Location For Design Categorical Pit Location For Design Categorical Pit Location P	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	Iling Fluid RES PER SEE ME	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r Pit is Id	Federal Jurisdictic r Supply Well Drille e Water used to Dr  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protec ocated in a Hydrolo  MATION	Ground Electron: No card: No c	sed Syster O han 10ft b N N N	m Means Steel Pi below base of pit?	Surface		Approved Method for D. One time land app H. (Other)  Categor Liner not required f Pit Location For  Categor Liner not required f Pit Location For	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	RES PER SEE ME  QUIFER SPRINGS	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo  PIT 2 INFORI Type of M Chlorides Max: 30	Federal Jurisdiction of Supply Well Drille e Water used to Drille e Water used to Drille e Water used to Drille System: CLO ud System: WAT 2000 Average: 5000 top of ground water mile of municipal water wellhead Protect ocated in a Hydrold MATION  Pit System: CLO ud System: OIL I 200000 Average: 20	Ground Electron: No ed:	han 10ft b N N nsitive Are	m Means Steel Pi nelow base of pit? nea.	Surface ts Y		Approved Method for D. One time land app H. (Other)  Categor Liner not required f Pit Location For Categor Liner not required f Location For Categor Liner not required f	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	RES PER SEE ME  QUIFER SPRINGS	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo  PIT 2 INFORI Type of M Chlorides Max: 30	Federal Jurisdiction To Supply Well Drille Water used to Dri MATION Pit System: CLO ud System: WAT 200 Average: 5000 top of ground wate mile of municipal w Wellhead Protect ocated in a Hydrole  MATION Pit System: CLO ud System: CLO ud System: Oll I	Ground Electron: No ed:	han 10ft b N N nsitive Are	m Means Steel Pi nelow base of pit? nea.	Surface  ts  Y		Approved Method for D. One time land app H. (Other)  Categor Liner not required f Pit Location For  Categor Liner not required f Pit Location For	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	RES PER SEE ME  QUIFER SPRINGS	of Treatable W		g FM: 3	
Under Fresh Water Surface  PIT 1 INFORI Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is Ic  PIT 2 INFORI Type of M Chlorides Max: 30 Is depth to	Federal Jurisdiction of Supply Well Drille e Water used to Drille e Water used to Drille e Water used to Drille System: CLO ud System: WAT 2000 Average: 5000 top of ground water mile of municipal water wellhead Protect ocated in a Hydrold MATION Pit System: CLO ud System: OIL I 200000 Average: 20 top of ground water mile of municipal water mile of municipal water water and supplementations.	Ground Electors No ed:	han 10ft b N N nsitive Are	m Means Steel Pi nelow base of pit? nea.	Surface  ts  Y		Approved Method for D. One time land app H. (Other)  Categor Liner not required f Pit Location For  Categor Liner not required f Pit Location For	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	RES PER SEE ME  QUIFER SPRINGS	of Treatable W		g FM: 3	
PIT 1 INFORI Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r Pit is Ic  PIT 2 INFORI Type of M Chlorides Max: 30 Is depth to Within 1 r	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLO ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protect occated in a Hydrole  MATION Pit System: CLO ud System: CLO ud System: OIL I 000000 Average: 20 top of ground water	Ground Electron: No ed:	han 10ft b N N nsitive Are	m Means Steel Pi below base of pit? ea. m Means Steel Pi below base of pit?	Surface  ts  Y		Approved Method for D. One time land app H. (Other)  Categor Liner not required f Pit Location For  Categor Liner not required f Pit Location For	r disposal of Dri ication (REQUI ry of Pit: C or Category: C ation is: BED A mation: RUSH	RES PER SEE ME  QUIFER SPRINGS	of Treatable W		g FM: 3	

**MULTI UNIT HOLE 1** 

Section: 12 Township: 17N Range: 17W Meridian: IM Total Length: 8665

County: DEWEY Measured Total Depth: 18185

Spot Location of End Point: C N2 N2 N2 True Vertical Depth: 9120

Feet From: NORTH 1/4 Section Line: 330 End Point Location from
Feet From: EAST 1/4 Section Line: 2640 Lease,Unit, or Property Line: 330

## NOTES:

NOTES:	
Category	Description
HYDRAULIC FRACTURING	[9/7/2022 - 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
INTERMEDIATE CASING	[9/7/2022 - 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
LOCATION EXCEPTION - 728405	[9/20/2022 - GB1] - (I.O.) 7-17N-16W; 12-17N-17W X726754 CHRK 7-17N-16W X727237 CHRK 12-17N-17W COMPL INT (7-17N-16W) NCT 330' FSL, NCT 330' FEL, NCT 660' FNL, NCT 0' FWL COMPL INT (12-17N-17W) NCT 660' FNL, NCT 0' FEL, NCT 330' FNL, NCT 660' FWL MEWBOURNE OIL COMPANY 9/13/2022
MEMO	[9/7/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 726754	[9/20/2022 - GB1] - (640)(HOR) 7-17N-16W EST CHRK POE TO BHL NCT 660' FB (COEXIST SP #122863 RDFK)
SPACING - 727237	[9/20/2022 - GB1] - (640)(HOR) 12-17N-17W EST CHRK POE TO BHL NCT 660' FB (COEXIST SP #67222 RDFK)
SPACING - 728478	[9/20/2022 - GB1] - (I.O.) 7-17N-16W; 12-17N-17W EST MULTIUNIT HORIZONTAL WELL X726754 CHRK 7-17N-16W X727237 CHRK 12-17N-17W 65% 7-17N-16W 35% 12-17N-17W MEWBOURNE OIL COMPANY 9/15/2022