API NUMBER: 039 22623

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

Approval Date: 03/10/2023

Expiration Date: 09/10/2024

Horizontal Hole Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section: 07	Township	o: 13N Ra	nge: 16W	County: C	CUSTER							
SPOT LOCATION:	NE NE	NW NE	FEET FROM QUA	RTER: FROM	NORTH	FROM	EAST						
			SECTION L	INES:	200		1640						
Lease Name:	COLLINS 6 OA			Well No:	2H			Well will	be 200	) feet fror	n nearest uni	t or lease	boundary.
Operator Name:	MEWBOURNE O	OIL COMPANY		Telephone	90356129	00				ОТ	C/OCC Num	nber:	6722 0
MEWBOURN	IE OIL COMPA	ANY				TIN	M PARR						
3620 OLD BL	JLLARD RD					22	105 E. 1020 I	RD.					
TYLER,		TX	75701-8644	1			APAHO			ОК	73620		
,		17.					AI AIIO			OK	73020		
<b>-</b> ( )	(D. :4)/ II												
Formation(s)	(Permit Valid		rmations Only										
Name		Code		Depth									
1 CHEROKEE		4040	CHRK	11600									
Spacing Orders:	156397		l	ocation Exce	ption Orders	: 7219	975			Increased De	ensity Orders:	721922	
			_			7303	377					730967	7
Pending CD Number	ers: 202300737	,		Working in	terest owner	rs' notifie	d: ***			Sp	pecial Orders:	No S	Special
Total Depth: 1	6707												
		Pround Flevation:	1632	Surface	Casing:	1999		De	oth to bas	e of Treatabl	e Water-Beari	na FM: 4	20
. o.a. Bopa	0/2/	Ground Elevation:	1632	Surface	Casing:	1999		De			e Water-Beari		
, otal Bopaii	6/2/	Ground Elevation:	1632	Surface	Casing:	1999		De					een approve
Under	Federal Jurisdictio	n: No	1632	Surface	Casing:		roved Method fo			Deep sur			
Under Fresh Water	Federal Jurisdictio r Supply Well Drille	in: No id: No	1632	Surface	Casing:	App	roved Method fo	r disposal of	Drilling Fl	Deep sur	face casin		een approve
Under Fresh Water	Federal Jurisdictio	in: No id: No	1632	Surface	Casing:	Appr D. O		r disposal of	Drilling FI	Deep sur	face casin	g has be	een approve
Under Fresh Water	Federal Jurisdictio r Supply Well Drille e Water used to Dri	in: No id: No	1632	Surface	Casing:	Appr D. O	ne time land appl	r disposal of	Drilling FI	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface	Federal Jurisdictio r Supply Well Drille e Water used to Dri	in: No d: No ill: No			Casing:	<b>Арр</b> і D. О	ne time land appl	r disposal of lication (REC	Drilling Fl	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT	in: No id: No id: No SED Closed Syste			Casing:	Appr D. O H. (C	Categor or not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR  Type of M  Chlorides Max: 80	Federal Jurisdiction of Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 000 Average: 5000	on: No od: No od	em Means Steel P	its	Casing:	Appr D. O H. (C	Other)  Categor er not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR  Type of IN  Chlorides Max: 80  Is depth to	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 1000 Average: 5000 top of ground wate	on: No od: No od: No SED Closed Syste ER BASED oder greater than 10ft	em Means Steel P	its	Casing:	Appr D. O H. (C	Categor or not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR  Type of IN  Chlorides Max: 80  Is depth to	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w	on: No d: No d: No SED Closed Syste ER BASED or greater than 10ft rater well? N	em Means Steel P	its	Casing:	Appr D. O H. (C	Categor or not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protect	sn: No d: No set No SED Closed System ER BASED or greater than 10ft atter well? N	tem Means Steel P	its	Casing:	Appr D. O H. (C	Categor or not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w	sn: No d: No set No SED Closed System ER BASED or greater than 10ft atter well? N	tem Means Steel P	its	Casing:	Appr D. O H. (C	Categor or not required for	r disposal of lication (REC ry of Pit: C or Category: 0	Drilling Fl QUIRES P SEE	Deep sur	face casin	g has be	een approve
PIT 1 INFOR Type of M Chlorides Max: 80 Is depth to Within 1 r Pit is Ic	Federal Jurisdiction of Supply Well Drille e Water used to Drille e Water used to Drille MATION  Pit System: CLOS ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protect pocated in a Hydrolo	sn: No d: No set No set No set No set No set No set Real No set Real No set No	tem Means Steel P t below base of pit?	its Y	Casing:	Appr D. O H. (G	Categor Pit Location For Categor	r disposal of lication (RECory of Pit: Cor Category: Cation is: BEI mation: RUS	Drilling FI QUIRES PI SEE  C D AQUIFE SH SPRIN	Deep sur	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo	Federal Jurisdiction r Supply Well Drille e Water used to Dri  MATION Pit System: CLOS ud System: WAT 000 Average: 5000 top of ground wate mile of municipal w Wellhead Protect ocated in a Hydrolo  MATION Pit System: CLOS	on: No dd: No dd: No SED Closed System SED BASED or greater than 10ft rater well? Notion Area? Notion Area? Notion Area? Notion Area? SED Closed Systems	tem Means Steel P t below base of pit?	its Y	Casing:	Appr D. O H. (G	Categor Pit Location For  Categor	r disposal of lication (RECory of Pit: Cory of Pit: RUS	Drilling FI QUIRES PI SEE  C D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is Ic  PIT 2 INFOR Type of M	Federal Jurisdiction or Supply Well Drille e Water used to Dri  MATION  Pit System: CLOS  ud System: WAT  000 Average: 5000  top of ground wate  mile of municipal w  Wellhead Protect  ocated in a Hydrolo  MATION  Pit System: CLOS  ud System: OLL E	on: No dd: No dd: No set Closed System ER BASED or greater than 10ft rater well? No dion Area? No dion Area? No dion Area? SED Closed System BASED	tem Means Steel P t below base of pit?	its Y	Casing:	Appro D. O H. (C	Categor Pit Location For  Categor or not required for Categor or not required for Categor or not required for	r disposal of lication (REC	Drilling FI  QUIRES PI  SEE  C  D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo  PIT 2 INFOR Type of M Chlorides Max: 30 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: CLOS ud System: WAT 2000 Average: 5000 top of ground water mile of municipal w Wellhead Protect pocated in a Hydrolo WATION Pit System: CLOS ud System: OIL E 200000 Average: 20	on: No  d: No id: No SED Closed System  ER BASED  or greater than 10ft  rater well? No ion Area? No origically Sensitive A  SED Closed System  BASED  000000	tem Means Steel P t below base of pit	o Y	Casing:	Appro D. O H. (C	Categor Pit Location For  Categor	r disposal of lication (REC	Drilling FI  QUIRES PI  SEE  C  D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFORI Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo  PIT 2 INFORI Type of M Chlorides Max: 30 Is depth to	Federal Jurisdiction or Supply Well Drille e Water used to Drille e Water used to Drille e Water used to Drille Sud System: WAT 2000 Average: 5000 top of ground water wellhead Protect occated in a Hydrolom WATION  Pit System: CLOS ud System: OIL E 200000 Average: 20 top of ground water w	on: No od: No od	tem Means Steel P t below base of pit	o Y	Casing:	Appro D. O H. (C	Categor Pit Location For  Categor or not required for Categor or not required for Categor or not required for	r disposal of lication (REC	Drilling FI  QUIRES PI  SEE  C  D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFORI Type of M Type of M Chlorides Max: 80 Is depth to Within 1 r  Pit is lo  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: CLOS ud System: WAT 2000 Average: 5000 top of ground water mile of municipal w Wellhead Protect pocated in a Hydrolo WATION Pit System: CLOS ud System: OIL E 200000 Average: 20	on: No od: No od	tem Means Steel P t below base of pit	o Y	Casing:	Appro D. O H. (C	Categor Pit Location For  Categor or not required for Categor or not required for Categor or not required for	r disposal of lication (REC	Drilling FI  QUIRES PI  SEE  C  D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve
Under Fresh Water Surface  PIT 1 INFOR Type of M  Chlorides Max: 80 Is depth to Within 1 r  Pit is Ic  PIT 2 INFOR Type of M  Chlorides Max: 30 Is depth to Within 1 r	Federal Jurisdiction or Supply Well Drille e Water used to Drille e Water used to Drille e Water used to Drille System: CLOS ud System: WAT 2000 Average: 5000 top of ground water will be determined in a Hydrolom water will be system: CLOS ud System: CLOS ud System: OIL E 200000 Average: 20 top of ground water mile of municipal water w	on: No od: No od	t below base of pit?  Area.  Tem Means Steel P	o Y	Casing:	Appro D. O H. (C	Categor Pit Location For  Categor or not required for Pit Location For  Categor or not required for	r disposal of lication (REC	Drilling FI  QUIRES PI  SEE  C  D AQUIFE SH SPRIN	Deep sur luids: ERMIT) MEMO	face casin	g has be	een approve

HORIZONTAL HOLE 1

Section: 6 Township: 13N Range: 16W Meridian: IM Total Length: 4607

County: CUSTER Measured Total Depth: 16727

Spot Location of End Point: N2 N2 NE True Vertical Depth: 11600

Feet From: NORTH

1/4 Section Line: 300

End Point Location from

Lease,Unit, or Property Line: 300

NOTES:					
Category	Description				
DEEP SURFACE CASING	[2/13/2023 - GC2] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OF 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	[2/13/2023 - 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				
INCREASED DENSITY - 721922	[2/15/2023 - G56] - 6-13N-16W X156397 CHRK 1 WELL MEWBOURNE OIL CO 12/1/2021				
INCREASED DENSITY - 730967	[2/15/2023 - G56] - EXT OF TIME FOR ORDER # 721922				
LOCATION EXCEPTION - 721975	[2/15/2023 - G56] - (I.O.) 6-13N-16W X156397 CHRK NCT 330' FNL, NCT 330' FSL, NCT 900' FEL MEWBOURNE OIL CO 12/3/2021				
LOCATION EXCEPTION - 730377	[2/15/2023 - G56] - EXT OF TIME FOR ORDER # 721975				
МЕМО	[2/13/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT				
PENDING CD - 202300737	[3/10/2023 - G56] - (I.O.) 6-13N-16W X165:10-3-28(C)(2)(B) CHRK MAY BE CLOSER THAN 600' TO COLLINS 6-3 (039-21546) WELL NO OP NAMED REC 3/10/2023 (MILLER)				
SPACING - 156397	[2/15/2023 - G56] - (640) 6-13N-16W EXT 104183/153092 CHRK, OTHERS				