API NUMBER: 003 23419

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

Approval Date: 11/14/2022

Expiration Date: 05/14/2024

Horizontal Hole Oil & Gas

## **PERMIT TO DRILL**

			FL	IZIVIII	IO DRILL				
WELL LOCATION:	Section: 22	Township: 25N	Range: 11W	County: A	LFALFA				
SPOT LOCATION:	NW NW NW	NE FEET FROM C	QUARTER: FROM	NORTH	FROM <b>EAST</b>				
		SECTION	ON LINES:	184	2429				
Lease Name:	BILLY BLEW 15-25-11		Well No	: 2H		Well will be 18	4 feet from n	nearest unit or lease bo	undary.
Operator Name:	BCE-MACH LLC		Telephone	: 40525281	00		OTC/	OCC Number: 24	174 0
BCE-MACH	LLC					E FARMS, INC.			
14201 WIRELESS WAY STE 300					C/O WILLIAM	B. BLEW III, PRES	IDENT		
OKLAHOMA CITY, OK 73134-2512					2228 E IRIS A'	VΕ			
					HOBART		OK	73651-2807	
Formation(s)	(Permit Valid for Lis	sted Formations Or	nly):						
Name		Code	Depth						
1 MISSISSIPE	PIAN	359MSSP	5847						
Spacing Orders:	627011 645967		Location Exce	ption Orders	: 728971		Increased Dens	sity Orders: 729227	
Pending CD Numb	pers: No Pending		Working in	terest owner	s' notified: ***		Spec	cial Orders: No Sp	ecial
Total Depth:	11236 Ground E	levation: 1273	Surface	Casing:	600	Depth to bas	se of Treatable V	Water-Bearing FM: 350	
•	11236 Ground El	levation: 1273	Surface	Casing:		Depth to bas		Nater-Bearing FM: 350	
Under Fresh Wate	r Federal Jurisdiction: No er Supply Well Drilled: No		Surface	Casing:	Approved Method f	· 	luids:	Nater-Bearing FM: 350 PERMIT NO: 22-	38701
Under Fresh Wate	r Federal Jurisdiction: No		Surface	Casing:	Approved Method f	or disposal of Drilling F  Dication (REQUIRES F	Fluids: PERMIT)	-	
Under Fresh Wate Surfac	r Federal Jurisdiction: No er Supply Well Drilled: No be Water used to Drill: Yes		Surface	Casing:	Approved Method f D. One time land ap H. (Other)	or disposal of Drilling F  plication (REQUIRES F  CLO CLA	Fluids: PERMIT) SED SYSTEM =	PERMIT NO: 22-	
Under Fresh Water Surface	r Federal Jurisdiction: No er Supply Well Drilled: No be Water used to Drill: Yes			Casing:	Approved Method f D. One time land ap H. (Other)	or disposal of Drilling F  plication (REQUIRES P  CLO CLA	Fluids: PERMIT) SED SYSTEM =	PERMIT NO: 22-	
Under Fresh Wate Surface  PIT 1 INFOR Type of	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes	osed System Means Stee		Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required	or disposal of Drilling F  plication (REQUIRES P  CLO CLA	rluids: PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
Under Fresh Wate Surface  PIT 1 INFOR Type of Type of M Chlorides Max: 5	r Federal Jurisdiction: No er Supply Well Drilled: No be Water used to Drill: Yes  RMATION Pit System: CLOSED Clo Mud System: WATER BASI 6000 Average: 3000	osed System Means Stee ED	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  Dilication (REQUIRES F  CLO CLA  Dry of Pit: C  for Category: C	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
PIT 1 INFOR Type of Type of N Chlorides Max: 5	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION  Pit System: CLOSED Clo Mud System: WATER BASE 6000 Average: 3000 top of ground water greater	osed System Means Stee ED r than 10ft below base of	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
PIT 1 INFOR Type of Type of N Chlorides Max: 5	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION Pit System: CLOSED Clo Mud System: WATER BASI 6000 Average: 3000 to top of ground water greater mile of municipal water well	osed System Means Stee ED r than 10ft below base of ? N	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 5 Is depth to Within 1	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION  Pit System: CLOSED Clo Mud System: WATER BASE 6000 Average: 3000 top of ground water greater	osed System Means Stee ED r than 10ft below base of ? N ? N	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 5 Is depth to Within 1	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION  Pit System: CLOSED Cla Mud System: WATER BASE 0000 Average: 3000 to top of ground water greater mile of municipal water well Wellhead Protection Area	osed System Means Stee ED r than 10ft below base of ? N ? N	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 5 Is depth to Within 1	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION Pit System: CLOSED Clo Mud System: WATER BASI 6000 Average: 3000 to top of ground water greater mile of municipal water well Wellhead Protection Area located in a Hydrologically S	osed System Means Stee ED r than 10ft below base of ? N ? N	ıl Pits	Casing:	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK)	PERMIT NO: 22-	
PIT 1 INFOR Type of Type of N Chlorides Max: 5 Is depth to Within 1	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION Pit System: CLOSED Clo Mud System: WATER BASI 6000 Average: 3000 to top of ground water greater mile of municipal water well Wellhead Protection Area located in a Hydrologically S	osed System Means Stee ED r than 10ft below base of ? N ? N sensitive Area.	el Pits		Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loo	or disposal of Drilling F  polication (REQUIRES P  CLO CLA  cry of Pit: C  for Category: C  cation is: BED AQUIFE	PERMIT) SED SYSTEM = Y CREEK) ER S	PERMIT NO: 22-	
Under Fresh Wate Surface  PIT 1 INFOR Type of N Chlorides Max: 5 Is depth to Within 1 Pit is I	r Federal Jurisdiction: No er Supply Well Drilled: No se Water used to Drill: Yes RMATION  Pit System: CLOSED Clo Mud System: WATER BASI 0000 Average: 3000 to top of ground water greater mile of municipal water well' Wellhead Protection Area located in a Hydrologically S	osed System Means Stee ED r than 10ft below base of ? N ? N sensitive Area.	el Pits		Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Loc Pit Location Fo	or disposal of Drilling F  CLO CLA  Dry of Pit: C  for Category: C  cation is: BED AQUIFE  Dry of Market BED AQUIFE  Dry of CEDAR HILL	PERMIT) SED SYSTEM = Y CREEK)  ER S 5000	PERMIT NO: 22-	
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 5 Is depth to Within 1 Pit is I  HORIZONTAL Section: 15	r Federal Jurisdiction: No er Supply Well Drilled: No be Water used to Drill: Yes RMATION Pit System: CLOSED Cloud System: WATER BASI (2000 Average: 3000 to pof ground water greater mile of municipal water well: Wellhead Protection Area (located in a Hydrologically Supplemental Located Township: 25N	osed System Means Stee ED r than 10ft below base of ? N ? N sensitive Area.	el Pits		Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Location Fo	or disposal of Drilling F polication (REQUIRES P CLO CLA Dry of Pit: C for Category: C cation is: BED AQUIFE primation: CEDAR HILL Total Length:	Fluids: PERMIT) SED SYSTEM = Y CREEK)  ER S  5000 11236	PERMIT NO: 22-	
Under Fresh Water Surface  PIT 1 INFOR Type of M Chlorides Max: 5 Is depth to Within 1 Pit is I  HORIZONTAL Section: 15	r Federal Jurisdiction: No er Supply Well Drilled: No ee Water used to Drill: Yes  RMATION  Pit System: CLOSED Clo Mud System: WATER BASI 6000 Average: 3000 to top of ground water greater mile of municipal water well Wellhead Protection Area located in a Hydrologically S  HOLE 1  Township: 25N County: ALFA	osed System Means Stee ED  r than 10ft below base of ? N ? N densitive Area.  Range: 11W ALFA N2 NW	el Pits pit? Y Meridia	n: IM	Approved Method f D. One time land app H. (Other)  Catego Liner not required Pit Location Fo	or disposal of Drilling F  CLO CLA  Ory of Pit: C for Category: C cation is: BED AQUIFE  ormation: CEDAR HILL  Total Length:	Fluids: PERMIT) SED SYSTEM = Y CREEK)  ER S  5000 11236	PERMIT NO: 22-	

NOTES:

Category	Description
HYDRAULIC FRACTURING	[11/10/2022 - 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 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 - 729227 (CD2022- 003541)	[11/14/2022 - GB6] - 15-25N-11W X627011** MSSP 1 WELL BCE-MACH LLC 10/17/2022 ** S/B 627011/645967
LOCATION EXCEPTION - 728971 (CD2022- 003540)	[11/14/2022 - GB6] - (I.O.) 15-25N-11W X627011** MSSP COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL NO OPER. NAMED 10/05/2022 ** S/B 627011/645967
SPACING - 627011	[11/14/2022 - GB6] - (640) 15-25N-11W VAC 93336 MPLM EXT 590058 MSSP, OTHERS
SPACING - 645967	[11/14/2022 - GB6] - CONFIRM SP. ORDER# 627011
SURFACE CASING	[11/10/2022 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 16-25N-11W