API NUMBER:	045	23849	

Oil & Gas

Multi Unit

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

Approval Date:12/14/2021Expiration Date:06/14/2023

PERMIT TO DRILL

SPOT LOCATION: SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST J220 1620 Lease Name: JACKS 34/3 CN Well No: 1H Well will be 220 feet from nearest unit or lease boundary. Operator Name: MEWBOURNE OIL COMPANY Telephone: 9035612900 OTC/OCC Number: 6722 0 MEWBOURNE OIL COMPANY Telephone: 9035612900 OTC/OCC Number: 6722 0 MEWBOURNE OIL COMPANY Talephone: 9035612900 OTC/OCC Number: 6722 0 MEWBOURNE OIL COMPANY Talephone: 9035612900 OTC/OCC Number: 6722 0 MEWBOURNE OIL COMPANY Talephone: 9035612900 DTC /OCC Number: 6722 0 MEWBOURNE OIL COMPANY Talephone: SPICEWOOD Talephone: 900 Talephone: 900 Yee Provide Tale Pr							10	DRILL						
Locale Name: JACKS 340 CN Vell No: 1H Vell will be 220 test from nearest unit or lease boundary. Operator Name: MEWBOURNE CIL COMPANY Totephone: 9026/1200 OTC/OCC Number: 6722 0 MEWBOURNE CIL COMPANY Tot proferie 9026/1200 OTC/OCC Number: 6722 0 MEWBOURNE CIL COMPANY Tx 75701-8644 Sector Operator HARVEY A. JACKS P.O. BOX 271 SPICeWOOD Tx 78669 Formation(s) (Permit Valid for Listed Formations Only): Interested Density Onter: No Exceptions Interested Density Onter: No Density Biopring Ottor: 601629 Location Exception Onter: No Exceptions Interested Density Onter: No Esceptions Outer Formation (c) 01473 Location Exception Onter: No Exceptions Interested Density Onter: No Esceptions Biopring Ottor: 20210278 Working Interest owner notified: Interested Density Onter: No Esceptions Under Foderal Juridoctor: No Special Onter: No Esception Interested To Esception Density Ottors Name Ottors Name Special Onter: No Esception States Water used to Dati. No Special Onter: No Esception Density Ottors Name No Esceptin Co	WELL LOCATION:	Section: 27	Township: 1	8N Rang	e: 24W	County: I	ELLIS							
Lates Name: JACKS 342 CN Weil Nith Weil will be 220 feet from nearest unit or leases boundary. Operator Name: MEWBOURNE OIL COMPANY Totephone: 003561200 OTC/OCC Number: 6722 0 MEWBOURNE OIL COMPANY Tx 75701-8644 Image: Company of the form nearest unit or leases boundary. Image: Company of the form form nearest unit or leases boun	SPOT LOCATION:	SW SW SE	SW	FEET FROM QUARTI	ER: FROM	SOUTH	FROM	WEST						
Dependent Marrielling ENDEVIRE OLI COMPANY Thelefonds: 500565200 CDCCC Number: 672 0 MEWBOURNE OLI COMPANY TX 75701-8844 FARVEY A, JACKS P.O. 60X 271 SPICEWOOD TX 78669 TYLER, TX 75701-8844 SPICE FARVEY A, JACKS P.O. 60X 271 SPICEWOOD TX 78669 Formation(s) (Permit Valid for Listed Formations Only): TX 78669 TX 78669 Statem Defense: 601929 Location Exception Orders: No Exceptions Increased Density Orders: No Density Statem Defense: 601929 Location Exception Orders: No Exceptions Increased Density Orders: No Density Quartization: 202102378 Working interest owners' notifie:				SECTION LIN	ES:	220		1620						
MEWBOURNE OL COMPANY 3620 OLD BULLARD RD TYLER, TX 75701-8644 Formation(s) (Permit Valid for Listed Formations Only): Mine Code Depth 1 OrtEROKEE 404CHRK 10200 Specify Other: 601929 601473 Pending CD Number: 202102378 Coation Exception Order: No Exceptions Increased Density Order: No Density 601473 Pending CD Number: 202102378 Total Depth: 2030 Ground Elevator: 2387 Total Depth: 2030 Ground Elevator: 2387 Total Depth: 2030 Ground Elevator: 2387 Curder Foreh Water Suppy Wall Dirled: No Surface Water used to Diff: No Frenk Water Suppy Wall Dirled: No Surface Suppy Wall Dirled: No Surface Suppy Wall Dirled: No PT I INFORMATION PT 1 INFORMATION PT 2 INFORMATION PT 1 INFORMATION PT 1 INFORMATION PT 2 INFORMATION PT 1 INFORMATION PT 1 INFORMATION PT 1 INFORMATION PT 2 IN	Lease Name:	JACKS 34/3 CN			Well No:	1H			Well will b	e 220	feet from	nearest unit	or lease	boundary.
3820 OLD BULLARD RD TX 75701-8644 P.O. BOX 271 SPLCEWOOD TX 78869 Formation(s) (Permit Valid for Listed Formations Only): Name Code Depth 1 CHERCKEE 494CHERK 1200 Spacing Onders: 001029 Location Exception Onders: No Exceptions Panding CD Number: 202102379 Location Exception Onders: No Exceptions Panding CD Number: 202102379 Location Exception Onders: No Exceptions Panding CD Number: 202102379 Location Exception Onders: No Exceptions Panding CD Number: 202102379 Location Exception Onders: No Exceptions Under Federal Luistaction: No Surface Casing: 1999 Depth to base of Treatable Water-Reating PM: 680 Under Federal Luistaction: No Surface Casing has been approve Approved Method for disposal of Drilling Fluida: D. One time land application - (RECUURES PERMIT) PERMIT NO: 21.38007 Ft (Others Matter Under Names Steel Pits No Surface Casing has been approved Pit Location Fermation: OGALLALA Por of Ma System: Variatin Mante Steel Pits Yee Pit B System: <td< td=""><td>Operator Name:</td><td>MEWBOURNE OIL CO</td><td>MPANY</td><td></td><td>Telephone:</td><td>90356129</td><td>900</td><td></td><td></td><td></td><td>ото</td><td>C/OCC Num</td><td>ber:</td><td>6722 0</td></td<>	Operator Name:	MEWBOURNE OIL CO	MPANY		Telephone:	90356129	900				ото	C/OCC Num	ber:	6722 0
TYLER, TX 75701-8644 SPICEWOOD TX 78669 Formation(s) (Permit Valid for Listed Formations Only): Image: Code Code Code Code Code Code Code Code	MEWBOURN	E OIL COMPANY					н	ARVEY A. JACK	ĸs					
Formation(s) (Permit Valid for Listed Formations Only): Name Code Depth 1 CHEROKEE 404CHRK 10200 Specing Orders: Mol 2000 Exception Orders: No Exceptions galaxing Orders: 202102378 Location Exception Orders: No Exceptions Pending CD Number: 202102378 Working Interest conners' notified: *** Special Orders: No Special 202102378 Coston Code Special Orders: No Exceptions Increased Density Orders: No Special Under Federal Jurisdiction: No Special Orders: No Exceptions Increased Density Orders: No Special Under Federal Jurisdiction: No Special Orders: No Special Deep surface casing has been approve Under Federal Jurisdiction: No Surface Casing has been approve Approved Method for disposal of Drilling Fluids: Deep surface casing has been approve Orders Marke Sould Versel: Strates Water Used to Drill: No Category of Pit: C Liner not required for Category: C Type of Mud System: (L Absto Noethod System Hearts Steel Pits Pit Location is: BED AQUIFER Pit Location is: BED AQUIFER	3620 OLD BULLARD RD						Р.	O. BOX 271						
Name Code Depth 1 CHEROKEE 404CHRK 10200 Spacing Orders: 601329 601473 Location Exception Orders: No Exceptions Increased Density Orders: No Density Pending CD Numbers: 202102379 Working interest owners' notified: *** Special Orders: No Special 202102378 202102378 Working interest owners' notified: *** Special Orders: No Special Under Federal Jurisdiction: No Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Surface Water used to Drill: No See Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Type of Pit System: CloseD Closed System Means Steel Pits Type of Mud System: WATER BASED Pit Location Formation: OGALLAL Pit in a located in a Hydrologically Sensitive Area: Pit Location Formation: OGALLAL Eline not required for Category: C Pit Location for mating Water wall? N Seeption formation: OGALLAL	TYLER,		тх 7	75701-8644			l si	PICEWOOD			ТХ	78669		
Name Code Depth 1 CHEROKEE 404CHRK 10200 Spacing Orders: 601329 601473 Location Exception Orders: No Exceptions Increased Density Orders: No Density Pending CD Numbers: 202102379 Working interest owners' notified: *** Special Orders: No Special 202102378 202102378 Working interest owners' notified: *** Special Orders: No Special Under Federal Jurisdiction: No Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Surface Water used to Drill: No See Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Type of Pit System: CloseD Closed System Means Steel Pits Type of Mud System: WATER BASED Pit Location Formation: OGALLAL Pit in a located in a Hydrologically Sensitive Area: Pit Location Formation: OGALLAL Eline not required for Category: C Pit Location for mating Water wall? N Seeption formation: OGALLAL														
Name Code Depth 1 CHEROKEE 404CHRK 10200 Spacing Orders: 601329 601473 Location Exception Orders: No Exceptions Increased Density Orders: No Density Pending CD Numbers: 202102379 Working interest owners' notified: *** Special Orders: No Special 202102378 202102378 Working interest owners' notified: *** Special Orders: No Special Under Federal Jurisdiction: No Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Surface Water used to Drill: No See Method for disposal of Drilling Fluids: D. One time land application - (REQUIRES PERMIT) PERMIT NO: 21-38007 Type of Pit System: CloseD Closed System Means Steel Pits Type of Mud System: WATER BASED Pit Location Formation: OGALLAL Pit in a located in a Hydrologically Sensitive Area: Pit Location Formation: OGALLAL Eline not required for Category: C Pit Location for mating Water wall? N Seeption formation: OGALLAL	Formation(s)	(Pormit Valid for I	istad Form	ations Only):			1							
Spacing Orders: 601929 601473 Location Exception Orders: No Exceptions Increased Dansity Orders: No Density Pending CD Numbers: 202102379 Working interest owners' notified: *** Special Orders: No Special 202102378 Ground Elevation: 2387 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Under Federal Jurisdiction: No Special Orders: No Special Orders: No Special Presh Water Supply Well Drilled: No Special Orders: No Special Orders: No Special PT 1 INFORMATION Category of Pit: C Category of Pit: C Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Pit Location Is: BD AQUIFER Proteids Max: Stored in a Hydrotogically Sensitive Area. Pit Location Firmation: OGALLALA Pit is to category of Pit: C Citegory of Pit: C Proved Mud System: CUSED Closed System Means Steel Pits Pit Location Firmation: OGALLALA Pit is to cated in a Hydrotogically Sensitive Area. Pit Location Firmation: OGALLALA	.,			allons Only).										
601473 Contain Exception Goods NO EXCEPTIONS Indexed where yound in the point of the set	1 CHEROKEE		404CHR	к	10200									
Depth: 202102378 Total Depth: 20503 Ground Elevation: 2387 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: Deep surface casing has been approved Surface Water used to Drill: No Surface Water used to Drill: No PT 1 INFORMATION Category of Pit: Type of Pit System: CLOSED Choirdes Max: 8000 Average:::000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Weilhead Protection Area? Pit Location Formation: PT 2 INFORMATION Category of Pit: Type of Pit System: CLOSED Under Freak water well? N Weilhead Protection Area? Pit Location Formation: Pt 1 1 Category of Pit: C Liner not required for Category: C Type of Mud System: NL BASED Enter not required for Category: Type of Mud System: NL BASED Pit Location F				Lo	cation Excep	tion Orders	s: No	Exceptions		Ir	creased De	nsity Orders:	No [Density
Depth: 202102378 Total Depth: 20503 Ground Elevation: 2387 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 680 Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: Deep surface casing has been approved Surface Water used to Drill: No Surface Water used to Drill: No PT 1 INFORMATION Category of Pit: Type of Pit System: CLOSED Choirdes Max: 8000 Average:::000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Weilhead Protection Area? Pit Location Formation: PT 2 INFORMATION Category of Pit: Type of Pit System: CLOSED Under Freak water well? N Weilhead Protection Area? Pit Location Formation: Pt 1 1 Category of Pit: C Liner not required for Category: C Type of Mud System: NL BASED Enter not required for Category: Type of Mud System: NL BASED Pit Location F	Pending CD Numbe	202102379			Working int	erest owne	rs' notifi	ad: ***			Sp	ecial Orders:	No S	Special
Total Depth: 2053 Ground Elevation: 2367 Surface Casing: 1999 Depth to base of Treatable Water-Bearing F.W. 601 Under Federal Jurisdiction: No Depth voltable disposal of Drilling Fluids: Depth voltable Mathed for disposal of D	r enaling ob Numbe				working in	creat owne		50.						•
Under Federal Jurisdiction: No Deep surface casing has been approve Presh Water Supply Well Drilled: No Done time land application (REQUIRES PERMIT) Surface Water used to Drill: No Done time land application (REQUIRES PERMIT) PT1 1NFORMATION SEE MEMO Type of Pit System: CLOSED Closed System Means Steel Pits Category of Pit: C Type of Nud System: VATER BASED Liner not required for Category: C Chlorides Max: 3000 Average: 5000 Pit Location is: BED AQUIFER 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 Pit 1 Is coated in a Hydrologically Sensitive Area. Pit 2 Information: Closed System Means Steel Pits Type of Mud System: CLOSED Closed System Means Steel Pits Category of Pit: C Liner not required for Category: C Liner not required for Category: C Type of Pit System: CLOSED Closed System Means Steel Pits Pit Location is: BED AQUIFER Type of Mud System: Oll, BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Pit Location is: BED AQUIFER Pit Location is: BED AQUIFER Pit Location is: BED AQUIFER Chlorides Max: 300000 Pit Location Formation: OGALLALA <td>T (D (0</td> <td></td> <td>EL // 000</td> <td></td> <td></td> <td></td> <td>4000</td> <td></td> <td>Den</td> <td>***</td> <td>of Treatable</td> <td></td> <td></td> <td>200</td>	T (D (0		EL // 000				4000		Den	***	of Treatable			200
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No PIT 1 INFORMATION Category of Pit: C Type of Mud System: CLOSED Closed System Means Steel Pits Type of Mud System: VATER BASED Chorides Max: 8000 Average: 5000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Verified Mud System: CLOSED Closed System Means Steel Pits Type of Pit System: CLOSED Closed System Means Steel Pits Pit is located in a Hydrologically Sensitive Area. Pit a is located in a Hydrologically Sensitive Area. Pit Location is: BED AQUIFER Chorides Max: 30000 Average: 20000 Category of Pit: C Liner not required for Category: C Pit Location Formation: OGALLALA Pit of Hit System: CLOSED Closed System Means Steel Pits Category of Pit: C Type of Mud System: OLL BASED Closed System Means Steel Pits Type of Mud System: OLL BASED Closed System Means Steel Pits Type of Mud System: OLL BASED Closed System Means Steel Pits Stepht to top of ground water greater than 10ft below base of pit? Y Pit Location is: BED AQUIFER Chorides Max: 300	Total Depth: 2	0503 Ground	Elevation: 238	/	Surrace C	casing:	1999		Dep				-	
Fresh Water Supply Well Drilled: No D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-38007 H. (Other) SEE MEMO PIT 1 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Pit Location is: BED AQUIFER Type of Mud System: WATER BASED Pit Location Formation: OGALLALA Chlorides Max: 8000 Average: 5000 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 Category of Pit: C PIT 2 INFORMATION Category of Pit: C Type of Ntd System: CLOSED Closed System Means Steel Pits Pit Location Formation: OGALLALA Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Mud System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OLL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 N										[Deep surf	ace casing	g has b	een approve
Surface Water used to Drill: No D: One date dependation (VCCORCOTEXTIN) TEXANT NO. 2100001 PTT 1 INFORMATION SEE MEMO Type of Pit System: CLOSED Closed System Means Steel Pits Category of Pit: C Type of Mud System: WATER BASED Pit Location is: BED AQUIFER Chlorides Max: 8000 Average: 5000 Pit Location Formation: OGALLALA 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 Pit Location Formation: OGALLALA PTT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Type of Pit System: CLOSED Closed System Means Steel Pits Type of Pit System: OLL BASED Category of Pit: C Chlorides Max: 300000 Average: 200000 Category of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Pit Location Formation: OGALLALA See depth to top of ground water greater than 10ft below base of pit? Y Pit Location Formation: OGALLALA Within 1 mile of municipal water well? N Pit Location Formation: OGALLALA Wellhead Protection Area? N Wellhead Protection Area? N							Approved Method for disposal of Drilling Fluids:							
H. (Other) SEE MEMO PIT 1 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: WATER BASED Pit Location is: BED AQUIFER Chlorides Max: 8000 Average: 5000 Pit Location Formation: OGALLALA 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 Pit 2 INFORMATION Pit 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Pit System: OIL BASED Pit Location is: BED AQUIFER Chlorides Max: 30000 Average: 20000 Es depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Category of Pit: C Liner not required for Category: C Liner not required for Category: C Pit Location is: BED AQUIFER Pit Location Formation: OGALLALA Is depth to top of ground water greater than 10ft below base of pit? Y Pit Location Formation: OGALLALA Wellhead Protection Area? N Pit Location Formation: OGALLALA							D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-38007							
Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: WATER BASED Pit Location is: BED AQUIFER Chlorides Max: 8000 Average: 5000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N OGALLALA Pit is Is depth to top of Pit System: CLOSED Closed System Means Steel Pits Category of Pit: C Type of Mud System: OIL BASED Category of Pit: C Chlorides Max: 30000 Average: 20000 Pit Location Formation: OGALLALA 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 Category of Pit: C Liner not required for Category: C Pit Location Formation: OGALLALA Pit of pit system: OIL BASED Pit Location Formation: OGALLALA Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA Is depth to top of ground water greater than 10ft below base of pit? Y Pit Location Formation: OGALLALA Wellhead Protection Area? N Wellhead Protection Area? N	Sunace	Water used to Drill. No					Н. (Other)		SEE M	EMO			
Type of Mud System: WATER BASED Pit Location is: BED AQUIFER Chlorides Max: 8000 Average: 5000 Pit Location Formation: OGALLALA 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 Wellhead Protection Area? N Pit 1 is located in a Hydrologically Sensitive Area. Pit 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OIL BASED Pit Location Formation: OGALLALA Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Within 1 mile of municipal water well? N Category of Pit: C Liner not required for Category: C Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 Wellhead Protection Area? N	PIT 1 INFORM	MATION						Category of	of Pit: C					
Chlorides Max: 8000 Average: 5000 Pit Location Formation: OGALLALA 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 Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: OIL BASED Pit Location Formation: OGALLALA 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				Means Steel Pits			Lir							
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 Pit js located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits 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			SED											
Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OIL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 Wellhead Protection Area? N		-	ar than 10ft hal	aw has a of ait?	V			Pit Location Forma	tion: OGA	LLALA				
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Pit System: OL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 Wellhead Protection Area? N				ow base of pit?	T									
Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Category of Pit: C Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 N	vviunit i n													
Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OIL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 N	Pit <u>is</u> lo													
Type of Pit System: CLOSED Closed System Means Steel Pits Liner not required for Category: C Type of Mud System: OIL BASED Pit Location is: BED AQUIFER Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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 N	PIT 2 INFOR	MATION						Category o	ofPit: C					
Chlorides Max: 300000 Average: 200000 Pit Location Formation: OGALLALA 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	-		Closed System	Means Steel Pits			Lir	• •						
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	Type of Mu	ud System: OIL BASED						Pit Locatio	on is: BED	AQUIFER				
Within 1 mile of municipal water well? N Wellhead Protection Area? N	Chlorides Max: 30	00000 Average: 200000						Pit Location Forma	ation: OGA	LLALA				
Wellhead Protection Area? N	Is depth to	top of ground water great	er than 10ft bel	ow base of pit?	Y									
	Within 1 n	nile of municipal water we	ell? N											
Pit <u>is</u> located in a Hydrologically Sensitive Area.		Wellhead Protection Are	a? N											
	Pit <u>is</u> lo	cated 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 HO	LE 1							
Section: 3	Township:	17N	Rang	ge: 24W	Meridian:	IM	Total Length:	9962
	County:	ELLIS					Measured Total Depth:	20503
Spot Location	of End Point:	С	S2	S2	SW		True Vertical Depth:	10200
	Feet From:SOUTH1/4 Section Line: 330Feet From:WEST1/4 Section Line: 1320			End Point Location from				
				Lease, Unit, or Property Line:	330			

NOTES:	
Category	Description
DEEP SURFACE CASING	[12/13/2021 - GC2] - 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	[12/13/2021 - 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 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
МЕМО	[12/13/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202102378	[12/13/2021 - G56] - (I.O.) 34-18N-24W & 3-17N-24W EST MULTIUNIT HORIZONTAL WELL X601929 CHRK 34-418N-24W X601473 CHRK 3-17N-24W 50% 34-18N-24W 50% 3-17N-24W NO OP NAMED REC 11/29/2021 (P. PORTER)
PENDING CD - 202102379	[12/13/2021 - G56] - (I.O.) 34-18N-24W & 3-17N-24W X601929 CHRK 34-418N-24W X601473 CHRK 3-17N-24W COMPL INT (34-18N-24W) NCT 330' FNL, NCT 0' FSL, NCT 1000' FWL COMPL INT (3-17N-24W) NCT 0' FNL, NCT 330' FSL, NCT 1000' FWL NO OP NAMED REC 11/29/2021 (P. PORTER)
SPACING - 601473	[12/13/2021 - G56] - (640)(HOR) 3-17N-24W EXT 593688/579146 CHRK, OTHERS COMPL INT NCT 660' FB
SPACING - 601929	[12/13/2021 - G56] - (640)(HOR) 34-18N-24W EXT 588987/590896 CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST WITH PRODUCING NON HOR DR & SP UNITS, SUPERCEDE EXISTING NON DEVELOPED NON HOR DR & SP UNITS)

