API NUMBER: 01	1 24331
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Horizontal Hole

Oil & Gas

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

Approval Date: 08/01/2022 Expiration Date: 02/01/2024

PERMIT TO DRILL

WELL LOCATION:	Section: 34	Township: 14	N Range:	13W	County: E	BLAINE						
SPOT LOCATION:	NE NE NW	NW	FEET FROM QUARTER:	FROM	NORTH	FROM	WEST					
			SECTION LINES:		320		1310					
Lease Name:	TURTLE WITH WIND			Well No:	2-27H		We	ell will be	320	feet from	nearest uni	t or lease boundary.
Operator Name:	DUNCAN OIL PROPER	TIES INC	Те	elephone:	40527218	800				ОТС	C/OCC Num	nber: 15876 0
DUNCAN OII	L PROPERTIES INC	C					NMAR RANCH PR	ROPERTI	IES, L	LC AND	WELMA	R RANCH
100 PARK A	VE STE 1200						OPERTIES, LLC					
OKLAHOMA	CITY,	OK 7	3102-8023			959	54 N. 2503 ROAD					
						GE/	ARY			OK	73040	
Formation(s)	(Permit Valid for L	istod Forma	ations Only):									
Name		Code		Depth								
1 CHEROKEE	=	404CHRF		10672								
		40401111				70.404			Inc			724004
opuoling orabitor	100000		Locat	tion Excep	otion Orders	s: 72463	32	_	Inci	leased Der	nsity Orders:	724001
Pending CD Numb	ers: No Pending	<u></u> נ	N	/orking int	erest owne	rs' notified	***			Spe	ecial Orders:	No Special
Total Depth: 1		Elevation: 1472	· Sı	urface (Casing:	1500		Depth to	base o	f Treatable	Water-Beari	na FM: 230
					Jashiy.	1300						g has been approved
											ace casin	
	r Federal Jurisdiction: No)				Annre	wood Mathaal fan diamaa					
Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes							oved Method for dispos					
Surface						D. On	e time land application -	- (REQUIRE	ES PERI	MIT)	PER	MIT NO: 22-38458
Surfac							e time land application -	- (REQUIRE		MIT)	PER	MIT NO: 22-38458
Surface	e Water used to Drill: Yes					D. On	e time land application -	- (REQUIRE	ES PERI	MIT)	PER	MIT NO: 22-38458
PIT 1 INFOR	e Water used to Drill: Yes	S	leans Steel Pits			D. On H. (Ot	e time land application - her)	- (REQUIRE s c	ES PERI	MIT)	PER	MIT NO: 22-38458
PIT 1 INFOR Type of	e Water used to Drill: Yes	s Closed System N	leans Steel Pits			D. On H. (Ot	e time land application - her) Category of Pit:	- (REQUIRE s c gory: C	ES PERI	MIT)	PER	MIT NO: 22-38458
PIT 1 INFOR Type of Type of M Chlorides Max: 80	MATION Pit System: CLOSED C Iud System: WATER BA: 000 Average: 5000	s Closed System M SED				D. On H. (Ot	e time land application - her) Category of Pit: not required for Categ	- (REQUIRE s : C gory: C ALLUVIA	ES PERI	MIT)	PER	MIT NO: 22-38458
PIT 1 INFOR Type of Type of M Chlorides Max: 80 Is depth to	Re Water used to Drill: Yes MATION Pit System: CLOSED C Iud System: WATER BAS 000 Average: 5000 top of ground water greater	s Closed System M SED er than 10ft belo				D. On H. (Ot	e time land application - her) Category of Pit: not required for Categ Pit Location is:	- (REQUIRE s : C gory: C ALLUVIA	ES PERI	MIT)	PER	MIT NO: 22-38458
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PIT 1 INFOR Type of Type of M Chlorides Max: 8(Is depth to Within 1 Pit <u>is</u> k PIT 2 INFOR	Re Water used to Drill: Yes MATION Pit System: CLOSED C Iud System: WATER BAS 000 Average: 5000 top of ground water greater mile of municipal water we Wellhead Protection Are ocated in a Hydrologically	s Closed System M SED er than 10ft belo ell? N ea? N Sensitive Area.	w base of pit? Y			D. On H. (Of Lines	e time land application - her) Category of Pit: not required for Categ Pit Location is: it Location Formation:	C (REQUIRE S S Sory: C ALLUVIA ALLUVIU	ES PERI	MIT)	PER	MIT NO: 22-38458
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PIT 1 INFOR Type of Type of M Chlorides Max: 80 Is depth to Within 1 1 Pit <u>is</u> k PIT 2 INFOR Type of M Chlorides Max: 30	Re Water used to Drill: Yes MATION Pit System: CLOSED C Iud System: WATER BAS 000 Average: 5000 top of ground water greater mile of municipal water we Wellhead Protection Are ocated in a Hydrologically MATION Pit System: CLOSED C Iud System: OIL BASED	s Closed System M SED er than 10ft belo ell? N ea? N Sensitive Area.	w base of pit? Y			D. On H. (Ot Liner	e time land application - her) Category of Pit: not required for Categ Pit Location is: it Location Formation: Category of Pit: not required for Categ Pit Location is:	 (REQUIRE <td>L L</td> <td>MIT)</td> <td>PER</td> <td>MIT NO: 22-38458</td>	L L	MIT)	PER	MIT NO: 22-38458
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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.

HORIZONTAL HOLE 1				
Section: 27 Township: 14N	Range: 13W	Meridian: IM	Total Length:	4619
County: BLA	INE		Measured Total Depth:	15650
Spot Location of End Point: C	NE NW NW	V	True Vertical Depth:	12000
Feet From: NOF	TH 1/4 Section Li	ine: 330	End Point Location from	
Feet From: WES	ST 1/4 Section Li	ine: 990	Lease, Unit, or Property Line:	330

NOTES:					
Category	Description				
DEEP SURFACE CASING	[7/26/2022 - 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	[7/26/2022 - 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				
INCREASED DENSITY - 724001	[8/1/2022 - GC2] - 27-14N-13W X106899 CHRK 1 WELL NO OP NAMED 3/7/2022				
INTERMEDIATE CASING	[7/26/2022 - 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 - 724632 (2022- 000053)	[8/1/2022 - GC2] - (I.O) 27-14N-13W X106899 CHRK X165:10-3-28(C)(2)(B) CHRK MAY BE CLOSER THAN 600' TO 1-D TURTLE WITH WIND 1-27 COMPL. INT. NCT. 330' FSL, NCT. 330' FNL, NCT. 660' FWL DUNCAN OIL PROPERTOES, INC 4/1/2022				
МЕМО	[7/26/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT				
SPACING - 106899	[8/1/2022 - GC2] - (640) 27-14N-13W EXT 42137/10663 CHRK EXT OTHERS				