API NUMBER: 011 24331 A

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

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION - BH TVD

## **AMEND PERMIT TO DRILL**

WELL LOCATION: Section	on: 34	Township	: 14N	Range:	13W	County:	BLAIN	E										
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				Well will	ll be	320	feet froi	m nearest	unit or le	ase bo	undary	·-
Operator Name: DUNCAL	N OIL PROPER	TIES INC		Te	elephone:	4052721	800						ОТ	TC/OCC N	lumber:	15	876 (	)
DUNCAN OIL PROPI 100 PARK AVE STE OKLAHOMA CITY,		OK	7310	2-8023			l (	DONMAR PROPERT 95954 N. 2 GEARY	TIES, LLO	С	ERTI	ES, L	LC AN	7304		ANCH		
Formation(s) (Permi	it Valid for L	isted Fo	rmation	s Only):														
Name		Code	e	ı	Depth		1											
1 CHEROKEE		4040	CHRK		10672													
Spacing Orders: 106899				Locat	tion Excep	otion Orde	rs: 7	24632				Inc	reased D	ensity Orde	ers: 72	4001		
Pending CD Numbers: N(	D Pending				orking int	erest own	ers' not	ified: ***					Sį	pecial Orde	rs: No	o Spe	ecial	
T-1-1 D11: 45050			4.470		-	^!				De	onth to	haaa a	f Trootob	lo Water Pr	ooring EN	4: 220		
Total Depth: 15650		Elevation:	1472		-	Casing:				De	epth to	base o	f Treatab	le Water-Be	earing FN	1: 230		
Total Depth: 15650			1472		-	Casing:				De	epth to			le Water-Be			ı app	
Total Depth: 15650 Under Federal Ju	Ground	Elevation:	1472		-	Casing:	150		thod for dis			D	eep sur	_			1 арр	
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**HORIZONTAL HOLE 1** 

Section: 27 Township: 14N Range: 13W Meridian: IM Total Length: 4619

County: BLAINE Measured Total Depth: 15650

Spot Location of End Point: C NE NW NW True Vertical Depth: 10672

Feet From: NORTH 1/4 Section Line: 330 End Point Location from 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
MEMO	[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**