## STATE OF ALASKA ALASKA OIL AND GAS CONSERVATION COMMISSION

## **PERMIT TO DRILL**

20 AAC 25.005

Drill	vvork: Lateral	-	ic Test	Developmer Developmer		Service - \	=	Service - L Single Zor	· =	Coalbed Gas	ell is proposed for:  Gas Hydrates	
	Reentry	Exploratory - Oil Development - Gas					Service - Supply Multiple Zone				Geothermal	
· ·							5. Bond: Blanket Single Well Bond No.				11. Well Name and Number:	
						6. Proposed Depth:				12. Field/Pool(s):		
						MD: TVD:						
4a. Location of Well (Governmental Section):						7. Property	Designation:					
Surface: Top of Productive Horizon:						8. DNR Approval Number:				13. Approximate Spud Date:		
Top of Floddctive Holizon.						o. DNIX Approval Number.				10.7 pproximate opud Bate.		
Total Depth:						9. Acres in Property:				14. Distance to Nearest Property:		
4b. Location of Well (State Base Plane Coordinates - NAD 27):							10. KB Elevation above MSL (ft):				Nearest Well Open	
Surface: x-		y- Zone-			GL / BF Elevation above MSL (ft):				to Same Pool:			
16. Deviated wells: Kickoff de Maximum Hole Ar						17. Maximum Potential Pressures in psig (see 20 A Downhole: Surface:				AC 25.035)		
18. Casing F	Program:	Specifications			Top - Setting Depth - Bottom				Cement Quantity, c.f. or sacks			
Hole Casing		Weight Grade		Coupling Length		MD TVD		MD TVD		(including stage data)		
11010	Cuomig	Wolght	Grado	Couping	Longui		175	IVID	110	(	g stage aata,	
19.		PRESENT V	WELL CONDIT	ION SUMMA	ARY (To be o	completed for	r Redrill and	Re-Entry Ope	erations)			
Total Dept	th MD (ft):	Total Dep	oth TVD (ft):	Plugs (measured):		Effect. Depth MD (ft):			Effect. Depth TVD (ft): Junk (measured):			
Casing		Length		Size		Cement Volume		MD TVD		TVD		
	/Structural	- 3										
Surface												
Interm	nediate											
Production												
Liner												
Perforation Depth MD (ft):							Perforation Depth TVD (ft):					
Hydraulic Fr	acture plann	ed?	Yes	No 🗌								
20. Attachm	nents: F	Property Plat		BOP Sketch	Drill	ling Program	Т	ime v. Depth	Plot	Shall	ow Hazard Analysis	
			Div	erter Sketch	☐ Se	abed Report	Drilli	ng Fluid Prog	gram 🔲	20 AAC 2	5.050 requirements	
21. I hereby certify that the foregoing is true and the procedure approved herein will not be deviated from without prior written approval.  Contact Name:												
Authorized Name: Contact Finall:												
Authorized T							ontact Phone:					
						- Date:						
Authorized S	Signature:				Con	nmission Us	e Only					
Permit to Drill API Number:							Permit Approval			See cover letter for other		
Number:						Date:			requirements.			
Conditions of	of approval :	If box is	checked, well	may not be ι	used to explo	ore for, test, o	or produce co	palbed metha	ne, gas hydra	ites, or gas cont	ained in shales:	
Samples req'd: Yes No Mud log req'd: Yes No No												
H₂S measures: Yes ☐ No ☐ Directional svy req'd: Yes ☐ No ☐												
Spacing exception req'd: Yes No Inclination-only svy req'd: Yes No												
Post initial injection MIT req'd: Yes No												
Approved by:						COMMISSI	APPROVED BY			Date:		
						COMMINIOSI	COMMISSIONER THE COMMISSION			Date:		
Comm. Sr Pet Eng						Sr Pet Geo			Sr Res Eng			