STATE OF ALASKA ALASKA OIL AND GAS CONSERVATION COMMISSION **PERMIT TO DRILL**

PERMII	10	DRIL							
20 AAC 25.005									

1a. Type of	Work [.]	1b Propose	d Well Class:	Exploratory		Service -		Servic	e - Disp	1c. Specify if w	ell is proposed for:	
	Lateral	-			=				· –	Coalbed Gas		
	Reentry						Service - Winj Single Zone			1° 7	Coalbed Gas 🔲 Gas Hydrates 🛄 Geothermal 🔲 Shale Gas 🔲	
2. Operator		Exploratory		Developmen	it - Gas 🗖	Service - Supply L Multiple Zone L 5. Bond: Blanket Single Well						
						5. Bond: Blanket Single Well 11. Well Name and Number: Bond No.						
					6. Proposed Depth:				12. Field/Pool(s			
3. Address:							i Deptii.				5).	
	0.04		0 (1)			MD: TVD:				_		
	n of Well (Go	overnmental	Section):			7. Property Designation:						
Surface:												
Top of Productive Horizon:					8. DNR Approval Number:				13. Approximat	13. Approximate Spud Date:		
								14 Distance to	14. Distance to Nearest Property:			
Total Depth:					9. Acres in Property:				14. Distance to	14. Distance to Nearest Property.		
the Leastian	of Mall (Cta	te Dese Dien	. Coordinates			10. KB Elevation above MSL (ft):				45 Distance to	15. Distance to Nearest Well Open	
Surface: x-	•		e Coordinates		ne-		evation above			to Same Pool:		
		у-	Kieles Kiele with a	20								
16. Deviated	d wells:		Kickoff depth:		feet		m Potentiai	Pressures	in psig (see 20 Surface:	AAC 25.035)		
10 Casing I	Dragnana	Maximu	m Hole Angle:	- 41	degrees	Downhole:	Catting	v Dawth		Comont O	uantitu of an ocalu	
18. Casing I	-	NA4 - 1 4	Specific				op - Setting				uantity, c.f. or sacks	
Hole	Casing	Weight	Grade	Coupling	Length	MD	TVD	MD	TVD	(includ	ding stage data)	
								<u> </u>				
19.		PRESENT V	VELL CONDIT	ION SUMMA	ARY (To be o	completed fo	r Redrill and	I Re-Entry	Operations)			
Total Dep	th MD (ft):	Total Dep	oth TVD (ft):	Plugs (m	easured):	Effect. Depth MD (ft): Effect. De		Depth TVD (ft):	Junk (measured):			
Cas	sing	Le	ngth	Size		Cement Volume			MD	TVD		
Conductor	r/Structural											
Sur	face											
Interm	nediate											
Produ	uction											
Lir	ner											
Perforation	Depth MD (ft	:):				Perforation	Depth TVD	(ft):				
	1 (,					•	()				
Hydraulic Fr	racture nlann	ed2	Yes	No 🗌								
20. Attachn	nents: F	Property Plat		BOP Sketch		ing Program		Time v. De			ow Hazard Analysis	
			Div	erter Sketch	Se	abed Report	Dril	ling Fluid I	Program	20 AAC 2	25.050 requirements	
21. Verbal	Approval: C	ommission F	Representative						Da	te		
22 Lhereb	w certify the	at the forego	oing is true ar	nd the proce	edure annro	oved herein	will not be					
	• •	prior writter	•				Will Hot be					
		p	. approraii						Contact Nam			
Authorized Name: Authorized Title:						•	Contact Email: Contact Phone:					
Autionzed						-			Contact Phor	с		
Authorized S	Signaturo					Date:						
	orginature.				Con	mission Us	e Only					
Permit to Dr	ill		API Number:		001		Permit App	oroval		See cover lette	r for other	
Number:			50-				Date:			requirements.		
									- 41			
	of approval :	If box is	checked, well	may not be i	used to explo					Irates, or gas cont		
Other:							nples req'd:	=	No		eq'd: Yes 🔲 No 🗌	
H ₂ S 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										eq'd: Yes 📙 No 📃		
APPROVED BY						/ED BY						
Approved by	Approved by: COMMISSIONER THE COMMISSION Date:											
Submit Form and												

This permit is valid for 24 months from the date of approval per 20 AAC 25.005(g)