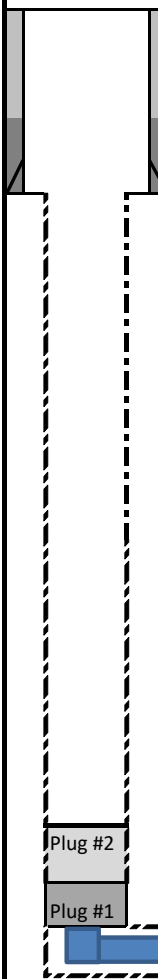



							DRILLING WELL PLAN				
							Guttersen C28-765 AFE: UWRMU-D2078-DRL SHL: Sec. 33-T04N-R64W Weld County, Colorado				
Niobrara C Horizontal											
		HOLE	CASING	GEOLOGY	MD	TVD	INC	MUD	CEMENT	DIRECTIONAL	COMMENTS
	13 1/2"	9 5/8" 36# J-55 LTC	Fox Hills	< 500'	< 500'	0.0	10.2 ppg OBM				As -Drilled Wellbore  Drawing Not to Scale.
			Pierre	435	435	0.0					
			Surface Casing Point	1,939	1,939	0.0					
	8 1/2"		Nudge	2,300	2,300	0.0					
			Parkman	3,609	3,593	10.5					
			Sussex	4,021	3,998	10.5					
			Shannon	4,583	4,550	10.5					
			Teepee Buttes	5,986	5,930	10.5					
			KOP	6,090	6,032	10.5					
			Sharon Springs	6,744	6,623	48.6					
			Top A Chalk	6,787	6,650	52.5					
			Top A Marl	6,812	6,665	54.7					
			Top B Chalk	6,843	6,682	57.5					
			Top B Marl	6,926	6,722	64.9					
	Top C Chalk	7,133	6,778	83.6							
	EOB	7,205	6,782	90.0							
	Plug #2	TD	17,028	6,828	90.1						
	Plug #1										
Lateral Targets		EOB 7,205' MD 6,782' TVD		Lateral Inclination 90.00      0.00      90.07			Lateral Azimuth 359.6    0.0    179.2		Lateral Length 9,823'	Vertical Section 9,820'	TD 17,028' MD 6,828' TVD

	Days	Hours	Cum
RR 777			
Spud	0.00	0.0	
LD BHA	0.00	0.0	0.00
RD CRT	0.00	0.0	0.00
Install Wear Bushing	0.00	0.0	0.00
Drill Out Cmt	0.00	0.0	0.00
End of Vertical	0.00	0.0	0.00
End of Curve	0.00	0.0	0.00
TD	0.00	0.0	0.00
LD BHA	0.00	0.0	0.00
Bump Plug	0.00	0.0	0.00
RR	0.00	0.0	0.00

	Days	Hours
Spud to Drill Out	0.00	0
Surface Bit Hrs		
Vertical Hours	0.00	0
Curve Hours	0.00	0
Lateral Hours	0.00	0
Total Bit Hours		
Total Circ Hours		
Spud to RR	0.00	0

