

X	New Drill		Recompletion		LOE		Re-Frac		Casing Repair		P&A	
Date:	18-Sep-08	Well Name:	Guttersen 12-9						A/E:	8501		
Legal Desc:	SWNW		Sec:	9	Twn:	4N	Rng:	63W				
Perforations			Surface Csg:	19 jts	Size:	8 5/8"	Wt/Gd:	24#	Conn.	ST&C 8rd	Depth:	833'
Zone	Depths		Production Csg:	183 jts	Size:	4 1/2"	Wt/Gd:	11.6# N-80	Conn.	LT&C 8rd	Depth:	7221'
Codell	6638' - 6650' (48 holes)		Tubing:		Size:		Wt/Gd:		Top:	EUE	Depth:	
			Tubing:	215 jts	Size:	2 3/8"	Wt/Gd:	4.7# J-55	Conn.	8rd	Depth:	7064'
			Packer:		RBP:		CIBP:		Sd Plug	Last Cleaned	Out To	7176'
			TD	7237'	PBTD	7190'	TOC	3080' - 5970'				
CIFP	7030'		Fluid Lost		Recovered		Load Remaining					
J-Sand	7086' - 7094' (32 holes)		Other Information:									
Job Objective:			Codell / Niobrara Completion									

9-18-08
IWP-150/0
RU and blow tbg down to the prod tank then RU and work scrapper through the plug set area above the J-sand perms. RU and lay 215 jts of tbg down on seals.
RU JW Wireline to set Halliburton 4 1/2" 10K EZ-Drill cast iron flow through frac plug above the J-sand perms at **7030'**. Plug is set **56'** above the top J-perf at **7086'**. RU B&J Hot Oil and load the csg to test plug to 5000 psi. Csg loaded w/ 82 bbls and tested good to 5000 psi for 15 min w/ no leak off. RD Hot Oiler then RU JW Wireline to perforate the Codell. Tie into formation and correlate w/ open hole logs dated 9/15/07 and CBL dated 10/2/07, perforate Codell formation from **6638'** to **6650'**, w/ 3 1/8" slick gun, 4/spf, 48 holes, all shots fired. RD wireline and ECWS. Clean up location and move rig off. Work to set frac tanks and load for Monday 9/22/08 frac date.

Proposed Operations:	Set and fill frac tanks
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Contractor: B&J / STS / HES / JW / Integrity / ECWS / K&J Supervisor: Kurt Dodge

Intangible	Description	Daily	Cum	Tangible	Daily	Cum
Welding				Production Liner		
Misc. Pump	B&J			Production Casing		
Trucking	Integrity			Tubing		
Bits				Tree		
Drilling Fluids				Pumping Unit & Engine		
Cement & Services				Subsurface Equipment		
Cased Hole Logging & Perf	JW / HES			Flow Line & Connections		
Equipment Rentals	STS			Separation/Treating Equip		
Contract Services				Storage Tanks		
Completion Unit	ECWS			Wellhead Equipment		
Swab Rig				Other Lease Equipment		
Stimulation						
Hydrotesting						
Professional Services	K&J					
Roustabout						
Frac tanks / KCL water						Total Tangible
Slickline						
Anchors						Completion Cost
Tubing rental						
						Drill Cost
	Total Intangibles			Total Cost		