

JOB SUMMARY				PROJECT NUMBER	TICKET DATE																																																																																																																				
<div style="display: flex; justify-content: space-between;"> <div> COUNTY Cheyenne LEASE NAME Kern state </div> <div> WELL No 36-16-46 #1H </div> <div> COMPANY Chama oil JOB TYPE Whipstock Plug </div> </div>				TN # 38	3/19/2013																																																																																																																				
EMPLOYEE NAME Derek Lewis				CUSTOMER REP David Wagoner																																																																																																																					
EMP NAME <div style="display: flex; justify-content: space-between;"> <div>Derek Lewis</div> <div>Michael Chalfant</div> <div>Terry Pickard</div> </div>																																																																																																																									
Form. Name _____ Type: _____																																																																																																																									
Packer Type _____ Set At _____ Bottom Hole Temp. _____ Pressure _____ Retainer Depth _____ Total Depth _____		<div style="display: flex; justify-content: space-between;"> <div> Date 3-19-13 Time 0400 </div> <div> On Location 03/19/13 Time 1100 </div> <div> Job Started 03/19/13 Time 1458 </div> <div> Job Completed 03/19/13 Time 1630 </div> </div>																																																																																																																							
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Summary <div style="display: flex; justify-content: space-between;"> <div> Preflush Breakdown Type: _____ MAXIMUM _____ Lost Returns-N _____ Actual TOC _____ Average ISIP 5 Min. _____ Frac. Gradient 10 Min. _____ 15 Min. _____ </div> <div> Preflush: BBI 29.40 Load & Bkdn: Gal - BBI _____ Excess /Return BBI 0 Calc. TOC: 2,742 Treatment: Gal - BBI _____ Cement Slurry: BBI 37.3 Total Volume BBI 96.42 </div> <div> Type: MudFlush Pad:Bbl -Gal _____ Calc.Disp Bbl _____ Actual Disp. 29.72 Disp:Bbl _____ </div> </div>																																																																																																																									
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Job Data Sheet



COMPANY Chama oil				PROJECT NUMBER TN # 38		AFE/WORK ORDER 0		DATE 1/0/1900	
CONTRACTOR				Owner		LEGAL DESCRIPTION 36/16S/46W		API 0	
LEASE & WELL # Kern state				36-16-46 #1H		COUNTY Cheyenne		STATE CO	
DIRECTIONS						MILEAGE 600			
<p>JCT Hwy 287/Hwy 96, 17 mi east on Hwy 96 to CR 59, 11.5 mi north to CR AA/BB, 4.1 mi west to 2nd cattle guard, 1 mi north to location</p>									
Pumping Services	Job Procedures: Go over all job calculations with Chama Supervisor prior to pumping job.							JobType: Whipstock Plug	
	Casing Size 2 7/8	Casing Weight 6	Thread 0	Tbng/DP Size 4	Weight 14	Plug. Cont. 0	Swage 0	Top Plug 0	Bottom Plug 0
	Number and Type Units 1. pickup W/Trailer 1. pump truck 1. Bulk truck							Casing Depth 0	Hole Depth 8.75
	Remarks 0							Tubing Depth 3250	Mud Weight/Type 9.3 WBM
Materials	1st Plug	# of Sacks 225	Type Class H	Additives 0.2% C-37					
		Weight PPG 17.5	Yield Ft3/Sk .93	Water Gal/Sk 3.3					
	0	# of Sacks	Type	Additives					
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk					
	0	# of Sacks	Type	Additives					
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk					
		ACID	Type	Additives					
		Inhibitor	Surfactant	clay cont.					
	Flush	Quantity 40	Type MUD WASH	Additives SAPP AND PLEXAID 803					
	Spacer	Quantity 10	Type H2O	Additives 0.2% Claymax					
Safety and Info	Work and drive safely at all times								
Sales Items	Casing Size 2 7/8	Casing Weight 6	Thread 0	Circulating Iron 0					
	Guide Shoe	Float Shoe		Float Collar	Insert Float Valve				
	Centralizers - Number	Size		Type					
	Wall Cleaners - Number	Type		MSC (DV Tool)			MSC Plug Set		
	Limit Clamps	Thread lock		Other					
	Remarks Take all Chemicals								
Customer Rep. David Wagoner		Cell Phone	Office Phone	Fax	Time of Call				
Call Taken By					Date Ready	Time Ready			
Crew Called					Time				