

Customer E.O.C.				Date 12/29/04		F.R. #		Service Supervisor RON ROLENS							
Lease & Well Name – OCSG M.F.Wirtz 21-14				Location				County – Parish – Block LAS ANIMAS							
CEMENT PUMP #405				Drilling Contractor Rig#				Type of Job Squeeze							
Size & Types of Plugs				List – CSG - Hardware				Physical Slurry Properties							
Top	5 ½ top Rubber Plug							Slurry WGT PPG	Slurry YLD Ft³	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water		
Btm															
Materials Furnished															
40 sks Vermejo Cmt.								13.4	1.66	8.1		11.6	7.7		
Available mix fluid 400 Bbl.				Available Displ. Fluid Bbl.				Total							
Hole			TBG-CSG-D.P.				TBG-CSG-D.P.				Collar Depths				
Size	% Excess	Depth	Size	WGT	Type	Depth	Size	WGT	Type	Depth	Shoe	Float			
							51/2"								
Last Casing				Pkr – Cmt Ret – Br PI – Liner			Perf Depth		Top Conn		Well Fluid				
Csg.	WGT	Type	Depth	Brand & Type			Depth	Top	Btm	Size	Thread	Type	WGT		
								450				H2o	8.34		
Cal Displ Vol – Bbl 8.1				Cal Psi		Cal Max Psi	OP Max		Max Tbg Psi		Max csg psi 500		Displ Fluid		Water
TBG	CSG	CSG	Total	Bump Plug	To Rev	SQ PSI	Rated	OP	Rate d	OP	Type	WGT	Source		
	8.1										H2o	8.34	Tank		
Explanation:															
Pressure/Rate Detail							Explanation								
Time HR:Min	Pressure – PSI		Rate BPM	Bbl Fluid Pumped	Fluid Type	Safety Meeting: Crew x Co. Rep x									
	Pipe	Annulus				Testing Lines x Psi									
08.30						On Loction									
09.27	300		1	5	H2o	Start H2o									
09.40	250		1.5	11.6	H2o	Start cement									
09.46						Drop Plug									
09.47	200		2	8.1	H2o	Start displ									
09.52	150		0	0		Close in .									
Bumped Plug	PSI to Bump Plug	Test Float Equip	Bbl CMT Returns/ Reversed	Total Bbl Pumped	PSI Left On CSG	Spot Top Cement	Service Supervisor RON ROLENS								
		Y / N		24.7	0										