



THE WESTERN COMPANY CEMENT JOB DETAIL SHEET

CUSTOMER Western Energy		DATE 12-6-90	EST. 15642	SER. SUP. C-10 Reid	TYPE JOB ISOLATE								
LEASE & WELL NAME/CSG OKTOS 29-12		LOCATION S-33-T-20-W-10		COUNTY/PARISH/BLOCK WOLFF									
DISTRICT Prichard		DRILLING CONTRACTOR/HQ. N/A		OPERATOR N/A									
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST CSG-HARDWARE		SO MANI FOLD Y (N)	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP BTM						SLURRY WGT PPG	SLURRY YLD FT	WATER GPB	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
		N/A		N/A									
		H2O											
		90 BBLs 30% TEL SPACER											
		10 BBLs WNW-1 Mud Flush											
		4155X Class "G" + 1000 SALT + 0.5% CF-14					1598	1.13	496		8.4	4.9	
		+ 0.1% TF-4											
Available Mix Water 110 Bbl.		Available Displ. Fluid 100 Bbl.								TOTAL	8.4	4.9	
HOLE		TBS-CSG-D.P.			TBS-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7 1/8"	N/A	4750	4-5	13.1"	PROD	4500	3 3/8"	4.7	4/10	4500	N/A	N/A	N/A
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
N/A	N/A	N/A	N/A	N/A		N/A	4750	N/A	3 3/8"	8 PD	MUD		
CAL DISPL. VOL-Bbl		CAL. PSI		CAL. MAX PSI/OP. MAX		MAX TBS PSI		MAX CSG PSI		DISPL. FLUID		WATER	
TBS	CSG	CSG	TOTAL	BUMP PLUG	TO REV	SG. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE
17.4	3.5	N/A	20.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2% KCL	8.4	TANK
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING. N/A													
PRESSURE/RATE DETAIL							EXPLANATION						
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input type="checkbox"/>							
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE								
						TEST LINES 3000 PSI							
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input checked="" type="checkbox"/>							
08:30	N/A	N/A	N/A	N/A	N/A	ON Location							
10:30	1800	N/A	2.0	90	H2O	PUMP 90 BBLs H2O (Via TUBING)							
11:30	1800	N/A	2.0	10	WNW-1	PUMP 10 BBLs WNW-1							
11:25	1800	N/A	2.0	10	H2O	PUMP 10 BBLs H2O							
12:30	1800	N/A	2.5	8.4	Slurry	PUMP 8.4 BBLs Slurry @ 15.98"							
1:00	1800	N/A	2.5	20	2% KCL	PUMP 20.0 BBLs 2% KCL DISPLACEMENT							
1:10	1800	N/A	N/A	20	2% KCL	SHUT IN WELL (1400 PSI)							
1:12	1800	600	2.5	0.5	2% KCL	PUMP 0.5 BBLs H2O (Via Annulus)							
BUMPED PLUG Y (N) N/A TEST FLOAT EQUIP Y (N) 337 TOTAL Bbl. PUMPED N/A Bbl. CMT RETURNS/ REVERSED 1400 PSI LEFT ON CSG N/A SPOT TOP CEMENT N/A SER. SUP. C-10 Reid CUSTOMER REP. No Records													