



02359457



BJ Services Company

CEMENT JOB DETAIL SHEET

CUSTOMER PETROLEUM ENERGY			DATE 12-11-96			SER. SUP ALLEN MILLER			TYPE JOB STARTING					
LEASE & WELL NAME-OC SG CLAS LOW				LOCATION ISEC 20-TEN-R60W				COUNTY-PARISH-BLOCK WELD						
DISTRICT BRIGHTON C.			DRILLING CONTRACTOR RIG # HASBY 1			OPERATOR PETROLEUM ENERGY								
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE			SQ MANI FOLD (Y-N)	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP	BTM	TUBOLIZERS, FIBER COLLAR GUIDESHOE, SCREEDERS					SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	RUBBER	RUBBER					8.34				20	20		
			30 SKS 50:50 P0ZG+10% SALT+2% GEL+4% CA31				11.4	2.72	16.11		14.5	11.5		
			220 SKS 50:50 P0ZG+10% SALT+2% GEL+4% CA31				14.3	1.29	5.74		50.5	30		
			30 SKS 50:50 P0ZG+10% SALT+2% GEL+4% CA31+2% CA32				16.	1.00	3.52		5.3	2.5		
			96 BBL DISP+2% CLAYTREAT				8.34				96	96		
Available Mix Water 400 Bbl.			Available Displ. Fluid 400 Bbl.			TOTAL			186					
HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE	
7 7/8		6060	4 1/2	10.5		6065	NA	NA	NA	NA	6065	6059	1	
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.		
				NA		NA	NA	NA	4 1/2	8RD	MUD	9.1		
CAL. DISPL. VOL.-Bbl.			CAL. PSI		CAL. MAX PS		OP. MAX		MAX TBG PSI		MAX CSG PSI		DISPL. FLUID	WATER SOURCE
TBG.	CSG	TOTAL	BUMP PLUG	TO REV	SO. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.			
NA	NA	96	96	1000	NA	NA	NA	NA	700	8600	H2O	8.34	RIG	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING.														
PRESSURE/RATE DETAIL							EXPLANATION							
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: WPS CREW <input type="checkbox"/> CO. REP <input type="checkbox"/>								
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES <input type="checkbox"/> PSI <input type="checkbox"/>								
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input type="checkbox"/>								
1006	800		6.5	10	H2O	PUMP PRE FLUSH								
1010						DROP BOTTOM PLUG								
1015	800		6.5	5	H2O	PUMP OUT PLUG								
1027						LOAD TOP PLUG								
1036	800		6.5	5	H2O	FINISH PRE FLUSH								
1039	800		5	14	CMT	MIX LEAD SLURRY								
1041	600		5	50	CMT	MIX MIDDLE SLURRY								
1050	600		5	5	CMT	MIX TAIL SLURRY								
110						WASH PUMP LINES DROP PLUG								
1103	100		10	94	H2O	DISP TREATED								
1111	1000					PLUG DOWN / FLOAT HELD								
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP Allen Miller							
(Y-N)	1000	(Y-N)	186	NA	NA	NA	CUSTOMER REP William Maddox							