



BJ Services Company

CEMENT JOB DETAIL SHEET



00511417

CUSTOMER		U.P.R.		DATE	10-3-97		SER. SUP.	ALLEN MILLER		TYPE JOB		DSTRING	
LEASE & WELL NAME OCSG				LOCATION				COUNTY				BLOCK	
DERRILL TRUST 24-17				SEC 17-T125-R44W				CHEYENNE					
DISTRICT		BRIGHTON, CO.		DRILLING CONTRACTOR RIG #		MURFIN 2.5		OPERATOR		UPR			
MATERIAL FURNISHED BY WPS		TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD		TOP OF EACH FLUID		PHYSICAL SLURRY PROPERTIES			
BTM		NA		NA		Y 70				SLURRY WGT PPG		SLURRY YLD FT	
										WATER GPS		PUMP TIME HR:MIN	
										Bbl SLURRY		Bbl MIX WATER	
50 BBL H2O										8.34		50 50	
225 SKS 50:50 POZ(C)+6% GEL+2% CACL2										12.02		11.87	
75 SKS CLASS(C)+1% CACL2										14.6		13.8	
83 BBL H2O										8.34		83 83	
Available Mix Water		400 Bbl.		Available Displ. Fluid		400 Bbl.		TOTAL		236209			
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
6 1/8	—	5508	4 1/2	11.6	—	5385	NA	NA	NA	NA	5385	5342	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	ARROW/STATE	5300	NA	NA	4 1/2	8 RD	MUD			
CAL. DISPL. VOL.-Bbl.		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		DISPL. FLUID	
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	WATER SOURCE
NA	NA	83	83	1500	NA	NA	NA	NA	6000	5000	H2O	8.34	RIG
EXPLANATION: TROUBLE SETTING TOOL RUNNING CSG, ETC. PRIOR TO CEMENTING:													
PRESSURE/RATE DETAIL													
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	EXPLANATION							
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	SAFETY MEETING: WPS CREW <input type="checkbox"/> CO. REP <input type="checkbox"/>							
						TEST LINES 3000 PSI							
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input type="checkbox"/>							
301	4000	—	—	—	H2O	TEST LINES							
235	—	—	—	—	—	DROP BOMB							
306	800	—	—	—	H2O	SET PACKER AT 100' SECTIONS							
325	1200	—	—	—	H2O	OPEN TOOL							
325	400	—	6.5	—	H2O	PRE FLUSH							
331	400	—	6	50	CMT	MIX LEAD SLURRY							
345	300	—	4	134	CMT	MIX TAIL SLURRY							
—	—	—	—	152	—	W.P. & L. D							
347	—	—	—	—	—	DROP PLUG							
352	400	—	7	152	KCL	DISP.							
358	700	—	7	188	KCL	CEMENT TURN SHOE							
410	1500	—	2	235	KCL	PLUG DOWN							
410	3000	—	—	235	—	CLOSE TOOL							
<div style="text-align: center;"> OCT 21 1997 </div>													
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	1500	Y N	236	0	0	NA	CUSTOMER REP. JOHN LAMB						