



BJ Services Company

CEMENT JOB DETAIL SHEET



01900277

103-00292

CUSTOMER <b>RIATA ENERGY</b>		DATE <b>10-23-96</b>	FR # <b>404344</b>	SER. SUP <b>RICK CARVER</b>	TYPE JOB <b>PIA</b>									
LEASE & WELL NAME-OCSG <b>FEDERAL 298-31-1</b>		LOCATION <b>Sec. 31 T2S R98W</b>		COUNTY-PARISH-BLOCK <b>RIO BLANCO</b>										
DISTRICT <b>GRAND Junction</b>		DRILLING CONTRACTOR RIG # <b>Admiral's well serv. #54</b>		OPERATOR <b>RIATA ENERGY</b>										
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 GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
	1" Plug @ 1100		40 SKS C + 4% CAC12 + 95# (Bbl) Flare			997'	15.8	1.15	4.99		8.0	4.7		
	2" Plug @ 500		60 SKS C + 4% CAC12 + 100# (Bbl) Flare			397'	15.8	1.15	4.99		12.0	7.0		
	3" Plug @ 250		25 SKS C No. 7			suck	15.8	1.15	4.99		5.0	6		
Available Mix Water		Available Displ. Fluid		TOTAL							25	12.3		
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"	25'	CSG	4081	2 1/2"	-1.6	Tub.	1100'				
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.		
9 7/8"	34'	Csg	499'				500'	1100'	2 1/2"	8"	2 1/2" x 8"	5.2'		
CAL. DISPL. VOL.-Bbl.			CAL. PSI		CAL. MAX PS		OP. MAX		MAX TBG PSI		MAX CSG PSI		DISPL. FLUID	WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SO PSI	RATED	OP.	RATED	OP.			DISPL. FLUID	WATER SOURCE
4.2	34.3	32.7	101.20				8100	1000	4360	1000			WATER	8.4
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 checked="" type="checkbox"/> 60. REP <input checked="" type="checkbox"/>								
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES PSI								
						CIRCULATING WELL-RIG <input checked="" type="checkbox"/> WPS <input type="checkbox"/>								
08:05						START load hole tubing @ 500								
08:21	50		3.0	48.0	WATER	Hole loaded								
08:35						START cement @ 15.8 ppg								
08:40	50		1.6	8.0	CMT	All cement - Displace								
08:42	50		1.5	3.0	WATER	Displacement Comp.								
13:05						START load hole tubing @ 500								
13:12	20		4.0	24.0	WATER	Hole loaded								
13:23						START cement @ 15.8 ppg								
13:29	150		2.0	12.0	CMT	All cement - Displace								
13:30	100		2.0	1.5	WATER	Displacement Comp.								
16:05						START load hole								
16:10	70		2.0	3.0	WATER	Hole loaded								
16:13						START cement @ 15.8 ppg								
16:18	70		1.0	5.0	CMT	All cement - Displace								
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. <b>Rick Carver</b>							
Y N		Y N					CUSTOMER REP.							