



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

103-08205



01735176

CUSTOMER: <u>Bonneville</u>		DATE: <u>10-26-74</u>	FR #: <u>286431</u>	SER. SUP: <u>Rex Edwards 75400</u>	TYPE JOB: <u>N/A</u>							
LEASE & WELL NAME-OCSSG: <u>Cell 1-R-23</u>		LOCATION: <u>Sec 23 T. 4S R. 12W</u>		COUNTY-PARISH-BLOCK: <u>KIO 13-480</u>								
DISTRICT: <u>Utah</u>		DRILLING CONTRACTOR RIG #: <u>N/A</u>		OPERATOR: <u>N/A</u>								
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
	TOP BTM						SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		<u>N/A</u>	<u>N/A</u>									
			<u>50 sks "G" + 2% CaCl₂ 1st Plug</u>			<u>2431</u>	<u>15.9</u>	<u>1.14</u>	<u>4.96</u>	<u>1.45</u>	<u>10</u>	<u>6</u>
			<u>15 sks "G" + 2% CaCl₂ 2nd Plug</u>				<u>15.8</u>	<u>1.14</u>	<u>4.96</u>	<u>1.45</u>	<u>3</u>	<u>1.8</u>
			<u>40 sks "G" + 2% CaCl₂ 3rd Plug</u>				<u>15.8</u>	<u>1.14</u>	<u>4.96</u>	<u>1.45</u>	<u>8</u>	<u>4.7</u>
			<u>40 sks "G" + 2% CaCl₂ 4th Plug</u>				<u>15.8</u>	<u>1.14</u>	<u>4.96</u>	<u>1.45</u>	<u>8</u>	<u>4.7</u>

PAGE 2 of 2

Available Mix Water <u>280</u> Bbl.		Available Displ. Fluid <u>280</u> Bbl.		TOTAL <u>2912.2</u>									
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
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2 3/8</u>	<u>4.7</u>	<u>J-55</u>	<u>3076</u>	<u>9 5/8</u>	<u>32.3</u>	<u>H-40</u>	<u>780</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
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.	
<u>4 1/2</u>	<u>11.6</u>	<u>J-55</u>	<u>5000</u>	<u>N/A</u>		<u>2122</u>	<u>N/A</u>	<u>N/A</u>	<u>2 3/8</u>	<u>8" PD</u>	<u>H₂O</u>	<u>8.34</u>	
CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PS	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SO. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE
<u>.0582</u>	<u>.0155</u>	<u>.0590</u>	<u>8.0</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>7700</u>	<u>6160</u>	<u>5350</u>	<u>4280</u>	<u>H₂O</u>	<u>8.34</u>	<u>PKR</u>

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"/> CO. REP <input type="checkbox"/>	
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES	
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS- <input checked="" type="checkbox"/> N/A	
2:15	0	0	1.0	0	H ₂ O	START Down Ann.	
2:17	0	0	—	2.0	—	SHUT Down Hole In casing Packer set 1016'	
2:23	25	0	1.0	0	H ₂ O	START Down Tubing Test squeeze Packer 1016'	
2:25	0	0	—	2.2	—	SHUT Down	
2:44	0	0	.75	0	H ₂ O	START Down Tubing Packer set 1352'	
2:48	200	0	—	4.0	—	SHUT Down Hole In casing	
2:51	0	0	.5	0	H ₂ O	START Down Tubing Packer set 2105'	
2:57	150	0	0	6.0	—	SHUT Down To cement	
3:35	0	0	2.0	—	CMT	START Cmt Down Tubing Packer set 2105'	
3:40	200	0	1.0	8.0	H ₂ O	START Displacement	
3:48	0	0	0.0	7.0	—	SHUT Down	
4:26	0	0	1.0	—	H ₂ O	START Down Tubing Packer set 2105'	
5:33	110	0	—	7.0	—	SHUT Down mix Cmt.	
5:45	20	0	.5	—	CMT	START Cmt Down Tubing Packer 2000'	
5:48	20	0	.5	8.0	H ₂ O	START Displacement	
5:52	0	0	—	6.0	—	SHUT Down	

Thank!
Rex
+
Crew

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: <u>Rex Edwards</u>
<u>Y-N</u>	<u>N/A</u>	<u>Y-N</u>	<u>147</u>	<u>N/A</u>	<u>N/A</u>	<u>—</u>	CUSTOMER REP: <u>Carroll Bell</u>