



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

103-08205



01735175

CUSTOMER Coryville		DATE 10-27-94	FR # 286436	SER. SUP. Rex Edwards 1560	TYPE JOB P&A						
LEASE & WELL NAME - OCSG Red 1 in 100		LOCATION 200 23rd St. T4000 100		COUNTY-BARISH-BLOCK							
DISTRICT Uernal		DRILLING CONTRACTOR RIG # N/A		OPERATOR							
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y-N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES				
	TOP BTM	N/A	N/A				SLURRY WGT PPG	SLURRY YLD FT	WATER GPM	PUMP TIME HR:MIN	Bbl SLURRY
		15 SKS "G" + 2% CaCl ₂	1 st Plug (4 1/2")		-	15.8	1.14	4.96	1:45	3.0	1.8
		50 SKS "G" + 2% CaCl ₂	2 nd Plug (4 1/2")		-	15.8	1.14	4.96	1:45	10.0	6.0
		15 SKS "G" + 4% CaCl ₂	3 rd Plug (4 1/2")			15.8	1.14	4.96	1:00	3.0	1.8
		15 SKS "G" + 2% CaCl ₂	4 th Plug (9 3/4 - 4 1/2")			15.8	1.14	4.96	1:45	3.0	1.8
		Page 1 of 2									
		15 SKS "G" cmt	5 th Plug SURE			15.8	1.14	4.96	2:00	3.0	1.8
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		22		13.2			

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						
N/A	N/A	N/A	2 3/8	4.7	J-55	1981	9 3/8	32.3	H-40	780'	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.							
4 1/2	11.6	J-55	5000	Miller PKR		1981	N/A	N/A	2 3/8	8"	H ₂ O	8.34							
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.	TYPE	WGT.	H ₂ O		8.3		TKK		
.0087	.0155	.0590	8.5	N/A	N/A	N/A	1700	1000	5350	1000									

EXPLANATION: TROUBLE SETTING TOOL RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES <input type="checkbox"/> PSI <input type="checkbox"/>					
AM						CIRCULATING WELL-RIG- <input type="checkbox"/> WPS- <input type="checkbox"/> N/A					
7:57	0	0	.5	0	H ₂ O	START Down Tubing Packer set 1981'					
8:04	500	0	-	7.5	-	Shut Down mix cement					
8:19	200	0	.5	-	cmt	START cmt					
8:23	225	0	.2	3.0	H ₂ O	START Displacement					
8:31	0	0	-	7.5	H ₂ O	STAGE cement through pump on suck					
8:54	0	0	-	-	-	Shut Down Release PKR with 1 Bbl in Tubing					
10:49	0	0	1.2	-	H ₂ O	START Down Tubing PKR set 1981'					
10:52	240	0	-	4.5	-	Shut Down Pressured up Hold Pressure					
10:56	0	0	-	-	-	Bleed off Pressure Cover up next Hole					
11:14	0	0	1.2	-	H ₂ O	START Down Tubing Packer set 947'					
11:22	240	0	-	4.0	-	Shut Down Pressured up Hold Pressure					
11:25	0	0	-	-	-	Released Pressure					
11:37	0	0	1.7	-	H ₂ O	START Fill up Ann. 2 3/8 - 4 1/2" PKR AT 853'					
11:42	0	0	-	7.0	-	Shut Down Ann. Full mix cement					
11:55	0	0	1.5	-	cmt	START cmt PKR set 853'					
12:01	0	0	4.0	10	H ₂ O	START Displacement					
12:02	0	0	-	4	-	Shut Down No Pressure on Suck					
1:26	0	0	1.3	0	H ₂ O	START Down Tubing					
1:32	0	0	-	7	-	Shut Down Hook up To Ann. 9 3/8 - 4 1/2"					
1:34	0	0	.7	-	H ₂ O	START DOWN Ann. 9 3/8 - 4 1/2"					
2:07	0	30	0	42	-	Shut Down Hole Loaded mix cement					
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. Rex Edwards				
Y-N	N/A	Y-N	124.3	N/A	0	SURE	CUSTOMER REP. Capp Bell				