





CEMENT JOB REPORT

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CUSTOMER Beta Oil Co		DATE 28-NOV-99	F.R. # 225114507	SERV. SUPV. Allen Miller			
LEASE & WELL NAME GUTHRIE 22-2 - API 05001083800000		LOCATION Section 02 - T01S - R67W		COUNTY-PARISH-BLOCK Adams Colorado C0600			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ashby Drilling #2		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
				SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
2% KCL				8.4			20
MCII MUD FLUSH				8.4			20
320SKS G=10%SALT+0.1%R3+0.6%FL25+35%S8+0.2%CD32				15.8	1.58	6.45	90 49.12
H2O				8.4			50
MUD				9.9			80
Mud Clean II				8.4			20
155SKS 50/50 POZ+0.1%CD32+0.4%FL25+2%GWL				14.2	1.26	5.7	35 21.17
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		315 70.28	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875		8540	4.5	11.6	CSG	8540	
						8423 8325 2	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM
8.625	24	CSG	1255			4.5	8RD
		DU Tool		5236		WATER BASED MUD	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SG. PSI	RATED
130	BBLs	H2O MUD	8.4 9.9	1200	0	0	0
						MAX CSG PSI	
						MAX CSG PSI	
						Operator	
						Operator	
						MIX WATER SOURCE	
						RIG	

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: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
						TEST LINES 3500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:13	3500	0	0	0	H2O	TEST LINES
20:15	550	0	5.8	20	KCL	PRE FLUSH
20:18	550	0	5.8	20	MCII	PUMP MUD FLUSH
20:24	480	0	4.5	90	CMT.	MIX 1ST. STAGE
20:45	0	0	0	130	H2O	WASH PUMPS & LINES
20:46	0	0	0	130	H2O	TOOL HAND DROP PLUG
20:52	200	0	4.2	50	H2O	START DISP.
21:04	300	0	4.2	80	MUD	SWITCH TO MUD DISP.
21:10	300	0	2.7	208	MUD	SLOW FOR TOOL
21:25	1200	0	4	240	MUD	CMT. TURN SHOE
21:25	1700	0	0	260	MUD	PLUG DOWN CHECK FLOAT OK
21:30	0	0	0	260	MUD	TOOL HAND DROP BOMB
21:55	1800	0	5.8	10	MUD	OPEN TOOL
22:00	0	0	0	270	MUD	RIG CIRCULATE
02:00	400	0	4	20	MCII	PUMP MUD FLUSH
02:15	400	0	3.5	35	CMT	MIX LEAD SLURRY
02:26	300	0	3	10	CMT	MIX TAIL SLURRY
02:29	0	0	0	0	H2O	WASH PUMPS & LINES TOOL HAND DROP PLUG
02:34	175	0	3.7	81	H2O	START DISP.
02:47	650	0	3.7	115	H2O	CMT TURN TOOL
02:55	2500	0	0	155	H2O	TOOL CLOSED AT 2000 CHECK OK