



CEMENT		Stage: 2		Start Date: 11/4/99		Start Time: 0:00	
	"Lead"	"Tail"		"Lead"	"Tail"		
Cement Type:	POZ H	POZ H	Slurry Volume (ft³):	1584	405	Cement Returned (bbl):	0
Cement Top (ft):	4000	7900	Thickening Time (h.min):	6	4	Excess Cement %:	30
Slurry Weight (ppg):	12.4	14.2	Free Water (cc/30m):	0	0	Mud Returned:	Yes
Mix Water (gal/sx):	2.14	6.3	Fluid Loss (cc/30m):	0	0	Time Plug @Bottom:	0:00
Water Type:	FRESH	FRESH	Comp Str (psi):	0	0	Max Pump PSI:	1950
Yield (ft³/sx):	2.14	1.35	Comp Str (h.min):	0	0	Bump PSI:	3300
Sacks:	740	300				Pump Rate (bpm):	8
Lead Additives:	50/50 POZ H, 6% GEL, 5% SALT, 1/4 PPS D29			Tail Additives:	50/50 POZ H, 2% GEL, 5% SALT, 1/4 PPS		
Comment:							

String SURFACE		Run Date: 9/18/99		Shoe Depth: 552		Float Collar Depth: 505		DV Tool Depths: 0		0		
CASING												
Section	Prop. Size	Actual Size	Grade	Weight	Connection	Joints	Length	Prop. Depth	Actual Depth			
1	11.75	11.75	H40	42	STC	13	535	550	552			
Totals:								13	535			
CEMENT												
Stage: 1		Start Date: 9/18/99			Start Time: 0:00							
	"Lead"	"Tail"		"Lead"	"Tail"	Cement Returned (bbl):		18				
Cement Type:	C	C	Slurry Volume (ft³):	174	201	Excess Cement %:		0				
Cement Top (ft):	0	0	Thickening Time (h.min):	0	0	Mud Returned:		Yes				
Slurry Weight (ppg):	12.4	15.6	Free Water (cc/30m):	0	0	Time Plug @Bottom:		0:00				
Mix Water (gal/sx):	8.92	6.31	Fluid Loss (cc/30m):	0	0	Max Pump PSI:		210				
Water Type:			Comp Str (psi):	0	0	Bump PSI:		500				
Yield (ft³/sx):	1.74	1.34	Comp Str (h.min):	0	0	Pump Rate (bpm):		7				
Sacks:	100	150										
Lead Additives:	4% GEL, 2% CC				Tail Additives:	2% CC						
Comment:												