



String SURFACE		Run Date: 3/28/00		Shoe Depth: 1550		Float Collar Depth: 1504		DV Tool Depths: 0 0	
CASING									
Section	Prop. Size	Actual Size	Grade	Weight	Connection	Joints	Length	Prop. Depth	Actual Depth
1	8.625	8.625	J55	24	STC	37	1558	1550	1550
Totals:								37	1558
CEMENT Stage: 1 Start Date: 3/28/00 Start Time:									
	"Lead"	"Tail"			"Lead"	"Tail"			
Cement Type:	C	C	Slurry Volume (ft³):	803	375	Cement Returned (bbl):	42		
Cement Top (ft):	0	0	Thickening Time (h.min):	0	0	Excess Cement %:	100		
Slurry Weight (ppg):	14.2	14.8	Free Water (cc/30m):	0	0	Mud Returned:	Yes		
Mix Water (gal/sx):	7.45	6.31	Fluid Loss (cc/30m):	0	0	Time Plug @Bottom:			
Water Type:	FRESH	FRESH	Comp Str (psi):	0	0	Max Pump PSI:	526		
Yield (ft³/sx):	1.5	1.34	Comp Str (h.min):	0	0	Bump PSI:	737		
Sacks:	535	280				Pump Rate (bpm):	5.5		
Lead Additives:	2%D20, 2% S1				Tail Additives:	2% S1			
Comment:									

String PRODUCTION		Run Date: 4/4/00		Shoe Depth: 4843		Float Collar Depth: 4796		DV Tool Depths: 0 0	
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CEMENT Stage: 1 Start Date: 4/4/00 Start Time:									
	"Lead"	"Tail"			"Lead"	"Tail"			
Cement Type:	H	H	Slurry Volume (ft³):	305	27	Cement Returned (bbl):	4		
Cement Top (ft):	0	0	Thickening Time (h.min):	0	0	Excess Cement %:	20		
Slurry Weight (ppg):	12.4	16	Free Water (cc/30m):	0	0	Mud Returned:	Yes		
Mix Water (gal/sx):	16	7.56	Fluid Loss (cc/30m):	0	0	Time Plug @Bottom:			
Water Type:	FRESH	FRESH	Comp Str (psi):	0	0	Max Pump PSI:	1700		
Yield (ft³/sx):	2.14	1.02	Comp Str (h.min):	0	0	Bump PSI:	2440		
Sacks:	800	150				Pump Rate (bpm):	7		
Lead Additives:	6% D20, 5% D44, .25 PPS D29				Tail Additives:	1.5 GPS D600, .05 GPS M45, .3% D65, .5%			
Comment:									

String PRODUCTION		Run Date: 4/4/00		Shoe Depth: 4843		Float Collar Depth: 4796		DV Tool Depths: 0 0	
CASING									
Section	Prop. Size	Actual Size	Grade	Weight	Connection	Joints	Length	Prop. Depth	Actual Depth
1	5.5	5.5	K55	15.5	LTC	106	4857	4850	4843
Totals:								106	4857
CEMENT Stage: 1 Start Date: 4/3/00 Start Time:									
	"Lead"	"Tail"			"Lead"	"Tail"			
Cement Type:	H	H	Slurry Volume (ft³):	305	27	Cement Returned (bbl):	4		
Cement Top (ft):	0	0	Thickening Time (h.min):	0	0	Excess Cement %:	20		
Slurry Weight (ppg):	12.4	16	Free Water (cc/30m):	0	0	Mud Returned:	Yes		
Mix Water (gal/sx):	11.95	2.4	Fluid Loss (cc/30m):	0	0	Time Plug @Bottom:			
Water Type:	FRESH	FRESH	Comp Str (psi):	0	0	Max Pump PSI:	1700		
Yield (ft³/sx):	2.14	1.02	Comp Str (h.min):	0	0	Bump PSI:	2440		
Sacks:	800	150				Pump Rate (bpm):	7		
Lead Additives:	6% D20, 5% D44, .25 PPS D29				Tail Additives:	1.5 GPS D600, .05 GPS M45, .3% D65, .5%			
Comment:									