Casing .iner Landing Details

Joints	Size (O.D.)	Threads	Weight	Grade	Length
~~Float~~ TX. PT. Shoe	13 3/8	8RD			.80
1 jt.	13 3/8	"	48	H-40	48.26
Float INSERT ~~Collar~~	"	"			—
8 jts					297.18
Liner Hanger (if applicable)					
TOTAL Pipe Installed					346.24
LESS Cut Off Piece(s) and Landing Joint(s)					17.00
DP to Land Liner (if applicable) T.O.L. @					—
PLUS KBE (one ft above rotary to last CHF)					13.00
Casing Set @ TVD 340' MD					342.24

To Location	Cond	Rec Doc
10 jts 13 3/8" 48# H-40 STC	A	GENE MONROE

Total Csg Length 379.14 Ft

Installed in Well	Cond
9 jts. SAME	

Total Csg Length 329.39 Ft

Balance & Disposition	Cond	ELP 400 for Disposition
1 jt 32.75		
Cut off = 17.0		

Total Csg Length 49.75 Ft

Last Casing Size ... MD Hole Size 17½" MD

Hole Volume from Caliper Log

Mud Properties Prior to Cementing — Wt 8.4 — Type NATIVE

PV 29	YP	GEL	WL	HTHP WL	Solids
Sand	pH	AKL	Cl	Ca	XLime

Circulated with (FULL) / PARTIAL) Returns prior to Cementing — Circulation Time and Rate prior to cementing 15 MIN

Cement Returns (Y) or N) 125 SKS. — Number of Plugs Used 1 — Plug Bumped

Time & Length of Stroke if Casing Reciprocated

Centralizer and Wiper Details (Number, Type, Spacing) 3 BOW TYPE — Casing rotated during Cement Job NO

EVERY OTHER jt. from Btm.

Drilling Representative John Coffman

Cement Company Used HALIBURTON - HOBBS — Cementing Details

Cement	Type	No Sacks	Pump Time Time @ Temp	Yield Cu. Ft./Sx	Weight (ppg) Est	Weight (ppg) Act.	Mix Water Gal/Sx	Comp Strength psi @ Hrs	W.L. CC	Free Water %
Lead	PREM. PLUS	400	@ °F	1.37	14.8		6.32			
Tail			@ °F							

Lead Cement Additives 2% CACL2

Tail Cement Additives

Cementing Details

Cement	Type	No Sacks	Pump Time Time @ Temp	Yield Cu. Ft./Sx.	Weight (ppg) Est.	Weight (ppg) Act.	Mix Water Gal/Sx	Comp Strength psi @ Hrs	W.L. CC	Free Water %
Lead			@ °F							
Tail			@ °F							

Lead Cement Additives

Tail Cement Additives

Remarks CIRC. 125 sks. to Surf., PLUG DOWN @ 9:15 AM CST 6-19-95

Field WARREN McKEE — Lease FAMILY TRUST — Well Number #1 — Date 6-19-94

PRO 1210 (CO 7 86)