

CASING AND CEMENTING

Field	CACTUS AREA			Well	Isleta Central #1		
Job:	13-3/8 " O.D. Casing/Liner			Ran to	504 feet (KB) on 10/22, 1974		
Jts.	Wt.	Grade	Thread	New	Feet	From	To
					8.45	KB	CHF 25.47
						CHF	25.47
2	54.5	K-55	ST&C 8rd	New	47.35	47.35	72.82
10	48	K-55	ST&C 8rd	New	307.02	72.82	379.84
3	54.5	K-55	ST&C 8rd	New	123.01	379.84	502.85
Halliburton Guide Shoe					1.15	502.85	504.00

Casing Hardware:

Float shoe and collar type Guide Shoe (Halliburton)
 Centralizer type and product number Hinge type S3 -- 807.730
 Centralizers installed on the following joints 6, 2 jts and 5th jt above shoe
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ . Caliper volume 350.08 ft³ + excess over caliper
301.51 ft³ + float collar to shoe volume 56.41 ft³ + liner lap _____ ft³
 + cement above liner _____ ft³ = 708 ft³ (Total Volume).

Cement:

Preflush—Water 30 bbls, other _____ Volume _____ bbls
 First stage, type and additives Class "B" w/2% CaCl₂, 1/4# Flocele per sk
 ft³/sk, volume 600 sx. Pumpability 3+ hours at 60 °F. Weight 15.6 lbs/gal, yield 1.18
 Second stage, type and additives _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F. Weight _____ lbs/gal, yield _____

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate _____
 Percent returns during job 100
 Bumped plug at 9:00 10/22 AM with _____ psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Cement did not circ. Ran 1" down outside of csg. Top of cement at 171'. Preflushed
 hole w/water. Cemented through 1" w/240 sx Class "B" neat. CIP at 1 PM, 10/23/74.
 Cement circ.

Drilling Foreman J. B. Smith
 Date 10/23/74