

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
					<u>8.45</u>	<u>KB</u>	<u>CHF 25.47</u>
						<u>CHF</u>	<u>25.47</u>
<u>2</u>	<u>54.5</u>	<u>K-55</u>	<u>ST&C 8rd</u>	<u>New</u>	<u>47.35</u>	<u>47.35</u>	<u>72.82</u>
<u>10</u>	<u>48</u>	<u>K-55</u>	<u>ST&C 8rd</u>	<u>New</u>	<u>307.02</u>	<u>72.82</u>	<u>379.84</u>
<u>3</u>	<u>54.5</u>	<u>K-55</u>	<u>ST&C 8rd</u>	<u>New</u>	<u>123.01</u>	<u>379.84</u>	<u>502.85</u>
Halliburton Guide Shoe					<u>1.15</u>	<u>502.85</u>	<u>504.00</u>

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 301.51 Caliper volume 350.08 ft³ + excess over caliper
+ cement above liner 56.41 ft³ + float collar to shoe volume 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 Weight lbs/gal, yield ft³/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:

Rotate/reciprocate Displacement rate
Percent returns during job 100
Bumped plug at 9:00 10/22 ~~PM~~ PM 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