

# CASING AND CEMENTING

Field WC Well Isleta #1  
 Job: 7" " O.D. Casing/Liner. Ran to 14,104 feet (KB) on 3/5, 1975.

| Jts.                                           | Wt. | Grade  | Thread | New | Feet     | From           | To        |
|------------------------------------------------|-----|--------|--------|-----|----------|----------------|-----------|
|                                                |     |        |        |     |          | 8.86 KB 0      | CHF 23.60 |
| 19                                             | 26  | N-80   | 8rd    | New | 813.33   | <del>000</del> | 836.93    |
| 6                                              | 29  | N-80   | 8rd    | New | 252.31   |                | 1,089.24  |
| 3                                              | 26  | N-80   | 8rd    | New | 131.67   |                | 1,220.91  |
| 130                                            | 26  | K-55   | 8rd    | New | 5,472.92 |                | 6,693.83  |
| 79                                             | 26  | N-80   | 8rd    | New | 3,479.24 |                | 10,173.07 |
| 96                                             | 26  | Soo-95 | 8rd    | New | 3,806.80 |                | 13,979.87 |
| Howco Differential Float Collar                |     |        |        |     | 1.62     |                | 13,981.49 |
| 3                                              | 26  | Soo-95 | 8rd    | New | 120.09   |                | 14,101.58 |
| Casing Hardware: Howco Differential Float Shoe |     |        |        |     | 2.42     |                | 14,104.00 |

Float shoe and collar type Shoe 847.2006 Float Collar 824.5292

Centralizer type and product number S-3 807.712

Centralizers installed on the following joints 10' above shoe #2, #4, #7, #10, #13, #16

Other equipment (liner hanger, D.V. collar, etc.)

## Cement Volume:

Caliper type BHC Sonic w/Ca Caliper volume 1577.508 ft<sup>3</sup> + excess over caliper  
401.042 ft<sup>3</sup> + float collar to shoe volume 26.66 ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = 2005.21 ft<sup>3</sup> (Total Volume).

## Cement: 50 w/7%

Preflush-Water KCL bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls

First stage, type and additives 616 sx Hal. Lite, 1% CFR-2, .003% HR-7

ft<sup>3</sup>/sk, volume 1090.32 sx. Pumpability 4:45 hours at 300 °F. Weight 12.5 lbs/gal, yield 1.77

Second stage, type and additives Class "H", 1½% CFR-2, 30% Silica Flour, 4% Gel, .003% HR-7

ft<sup>3</sup>/sk, volume 914.49 sx. Pumpability 4:29 hours at 300 °F. Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_

## Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_

Displacement rate 6.2 bbls

Percent returns during job @ 8 bbls 75%, @ 5 bbls 100%

Bumped plug at 2:35 pm 3/5/75 AM/PM with 1700 psi. Bled back 3 bbls. Hung csg with 300,000 lbs on slips.

## Remarks:

Drilling Foreman J. B. Smith  
 Date 3/11/75