

Well 7 Lease Gallinas Canyon Unit

Operator Benson & Martin

10-11-51 4:30 AM

Plug down.

Casing:

Set all new 5 $\frac{1}{2}$ " 11 $\frac{1}{2}$ ' J-55 3rd short T&C R-2 casing at 1412'.

Used 3 Halliburton Centralizers:

- 1 just above shoe
- 1 in middle of 2nd joint
- 1 in middle of 3rd joint

Used 6 Halliburton Centralizers on bottom 40' of string

Halliburton common guide shoe on bottom

Halliburton float collar at 1376 $\frac{1}{2}$ -79 $\frac{1}{2}$

Cement:

Used 95 sacks common Portland Cement, mixed neat

Used 12 barrels of water (7.9 sacks per barrel, 5.3 gallons per sack)

Source of water: San Juan River

Mud:

9.7# per gallon, 65 sec. viscosity, 4 cc water loss
Native mud with aquagal, soda ash, gumbricks and driscoe added.

General:

Used top and bottom wooden plugs. Pressed cement with 5 bbls of water. Rotated casing while cement was displaced around shoe. Displacement rate approximately 5 bbls per minute.

Set about half weight of casing on bottom and swung half from slips.

