

Well 5 Lease Gallegos Canyon Unit

Operators Benson & Montin

10-2-51

7:30 PM Plug down.

Casing: Set all new 5 $\frac{1}{2}$ " 11# J-55 8rd short T&C R-3 casing at 1381.

Used 3 Weatherford centralizers and 12 Weatherford scratchers.

Halliburton common guide shoe on bottom  
Halliburton float collar at 1339-40.

Cement: Used 90 sacks common Portland cement, mixed neat.  
Used 13 barrels of water (6.9 sacks per bbl; 6.1 gallons per sack).

Source of water: Small pond near Bloomfield  
(San Juan river and Gallegos Canyon water muddy after recent rain).

Mud: 9.4# per gallon, 47 sec. viscosity, 6 cc water loss.  
Native mud with aquagel, soda ash, quebracho and driscose added.

General: Used top and bottom wooden plugs.  
Preceded cement with 5 bbls. of water.  
Reciprocated casing while cement was displaced around shoe. Displacement rate approximately 5 bbl. per minute.

Set part of weight on bottom and swung 4000# from slips.

CEMENTING SUMMARY  
(Production String)

Well 2 Lease Gallinas Canyon Unit

Operations Benson & Montin

10-2-51

7:30 PM

Plug down.

Casing:

Set all new 5" 114 1-22 and short two R-3 casing at 1581.

Used 3 weatherford centralizers and 12 weatherford  
spheres.

Ballston common guide line on bottom  
Ballston float collar at 1587-15.

Cement:

Used 90 sacks common portland cement, mixed neat.  
Used 12 barrels of water (6.5 sacks per bbl; 6.1 gallons  
per sack).

Source of water: Small pond near Bloomfield  
(from Juan River and Gallinas Canyon water mostly  
after recent rain).

Mud:

9.14 per gallon, 17 sec. viscosity, 6 cc water loss.  
Native mud with asphalt, soda ash, quatracho and driscoe  
added.

General:

Used top and bottom wooden plugs.  
Priced cement with 5 bbls. of water.  
Refracted casing while cement was displaced  
around shoe. Displacement rate approximately 2  
bbl. per minute.  
Get part of weight on bottom and swing 4000# from  
slips.