

Blue Quail No. 1 (cont.)

12-17-81

Went in hole with HOWCO stinger for cement retainer and 215 joints 2 7/8" tubing. Dropped ball to pressure test tubing. Loaded hole. Pressure tested tubing to 1000#. O.K. Reversed out ball. Stabbed into retainer. Pressured tubing to 4000# with 2000# casing pressure. No loss of pressure from either side. Washed in and out of retainer to clear tool. Cleared tool and injected at 3 BPM with 500#. Pressured casing to 1200#. Mixed and pumped 100 sacks of C1-H neat cement and displaced with 38 BW. Left 1 1/2 barrels (7 sacks) cement in tubing above retainer. Pulled out of retainer. Final pressure on tubing 900psi. Minimum pressure 200 psi. Final casing pressure 1000 psi. Pulled 11 stands dry dropping 60' cement on top of retainer.

12-18-81

Completed pulling out of hole with HOWCO stinger for retainer. Welded onto 5 1/2" casing. Had 44" stretch on 5 1/2" casing from 0 to 100,000#. Made shot in 5 1/2" casing collar at 5678' by wire line measure. Worked casing free. Laid down 3 joints casing.

12-19-81

Completed laying down 5 1/2" casing. Laid down total of 141 joints (approximately 5678'). Ran 2 7/8" tubing to 5728'. Loaded hole. Spotted 50 sacks cement at 5728'. Pulled tubing to 4000'.

12-21-81

Attempted to tag cement plug. Ran tubing to 5728' and did not tag up. Could not pump through tubing. Pulled out of hole with tubing. Laid down 24 joints plugged with cement. Went in hole with tubing with perforated sub on bottom. Loaded hole. Spotted 50 sacks cement at 5728'. Pulled out of hole with tubing.

12-22-81

Tagged top of cement at 5500' with wire line. Ran tubing in hole and laid down all tubing. Installed well head and shut well in. Rigged down PBCP Services, Inc.

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