



01900324

103-08265

Federal Well #9-4
Abandonment

31

Cathedral Field
Lease C-19057
Section 9, T2S, R101W
Rio Blanco County, Colorado

6/18/96 Move in Monument Well Service Rig #7 and rig up. Nipple down wellhead and release packer. Trip out of hole and lay down 1 1/2" tubing. Pick up 2 3/8" work string and packer with 1 jt tail pipe. RIH and try to set packer at 2025 feet. Try to set packer and unsuccessful. POH and LD packer and tail pipe. Packer sheared. Repair packer and RIH. Set packer at 2025 feet and squeeze hole and perforations with 40 sx regular cement. Spot cement and squeeze perforations to 2600 psi. After displacing with 9 1/2 bbl water. Stage cement for 2 hrs. until would not flow back,. Pull 12 stds and set packer to check for leak. Leak below packer. Run 4 stds and set packer. Held OK. Pull 2 stds and check. Leaking. Run 1 std and check. Leaking, PU 1 jt and check. Leaking .PU 1 jt and check. Held OK. Left overnight with 1000# pressure. Leak between 1485 feet and 1516 feet.

6/19/96 Small amount of pressure still on well. LD two jts and pull 3 stds. Reset packer at 1265 feet. Mix and pump 40 sack regular cement plug at 1265 feet. Mix and pump 40 sack regular cement plug with 2% CaCl₂. Well began circulating after 6 bbl. cement pumped. Finish pumping cement and displace with 1 bbl. water. Release packer and slowly pull 15 stds. Clear tubing with 3 bbl. water. LD remaining 10 jts tubing. Run 3 stds and pull and LD. Wait on cement and perforator. RU Rocky Mountain Wireline with squeeze gun. RIH, tag cement at 1274 feet and pull to 700 feet. Perforate 4 holes at 700 feet. RD wireline and RIH with 12 stds of tubing. LD 24 jts of tubing. RIH to 760 feet. Mix 25 sacks regular cement containing 2% CaCl₂ and pump. Displace with 1 bbl. water. Hole circulating. Pull out and LD remaining tubing. RD floor and excavate around wellhead. Cut off wellhead and SDFN.

6/20/96 RIH with sandline and tag cement plug at 360 feet. Load casing and casing annulus with water. Pump 50 feet regular cement plug in 4 1/2" casing annulus and 8 5/8"-4 1/2" casing annulus. Install dry hole marker and RD. Mixed 22 sack regular cement containing 2% CaCl₂.