

- 03-17-91 Moved in and rigged up Abbott Water Drilling Service. Drilled out 19 foot surface cement plug. Rigged down Abbott and rigged up Clarke Well Service unit. Installed BOP. Shutdown for remainder of weekend.
- 03-19-91 Ran into hole with 6-1/4 inch bit, 4 - 4-3/4" drill collars and 1 jt of 2-3/8" tubing and tagged top of second cement plug of approximately 160 feet. Drilled hard cement from 160 feet to approximately 331 feet where drilling slowed considerably more and returns consisted of chunks of cement as well as teeth from drill bit. Circulated hole clean and then pulled out of hole with drill string. Now preparing to run back into hole with a 4-3/4 inch bit and attempt to drill past damaged casing at approximately 331 feet and to drill on down to bottom of second cement plug.
- 03-20-91 Start drilling cement and junk metal. Drilled some scattered cement from 358 to 368'. Drilled into open hole at 378'. POOH with tubing, 3-3/8" DC's, and 4-3/4" bit. Lay down 3-3/8" drill collars. Pick up 6-1/4" taper mill. Ran into hole with 7 jts tubing and tag tight spot with 5' of Jt #7 down 230.36 + 129.73 - 28' = 332.09'. Established circulation and begin dressing inside of 7" casing with 6-1/4" taper mill. Broke through tight spot at 338.2'. Pulled out of hole with 7 jts of tubing and BHA. Picked up new 6-1/4" Hughes milltooth bit and GIH with BHA + 7 jts tubing. Tagged tight spot with 8' down on Jt. #7. Drilled cement with Jt. #7. Laid down swivel. RIH with BHA + 68 jts 2-3/8" OD 4.7#/ft EUE tubing. Tag cement with all except 5' of Jt. No. 68 above slips. Reported PBDT 2420'. Rigged up swivel and start circulating heavy mud/green cement. Plug started drilling hard at 2398'. Drilled from 2400 to 2401 a brass shear pin. Had lots of metal in returns. At 2411', circulated hole for 10 minutes and shut down for night.
- 03-21-91 Resumed drilling on bottom cement plug at a total depth of 2411'. Drilled cement containing a heavy concentration of junk. Drilled in junk and cement between 2411' to 2450'. Drilled junk-free cement from 2450' to 2608' before completely breaking out of the bottom cement plug. Laid down power swivel and ran into hole with 9 jts of tubing before tagging a restriction at 3018'. Picked up power swivel and worked four joints of tubing down through mushy cement. Picked up and ran 19 additional joints of tubing into hole. Tagged CIBP capped with cement at 3697' slip level. CIBP was reported by Graham Royalty to be at 3700'. Shutdown for night.
- 03-22-91 Rigged up Atlas Well Logging Services and logged well with Compensated Neutron Log and Acoustic Cement Bond Log. Attempted to log well with Vertilog casing inspection log, but could not get tool to go past 335 feet. Laid down casing inspection logging tool and ran non-compensated GRN-CCL log.
- 3-24-91 Pulled out of hole with tubing and RTTS packer. Rigged up
3-25-91 Capitan Wireline Services and ran into hole with a select-fire casing gun. Perforated old 7" OD casing with a total of 16 squeeze holes with two shots each at:
- | | | | |
|------|------|------|------|
| 3658 | 2850 | 2650 | 2450 |
| 2950 | 2750 | 2550 | 2350 |
- Rigged up casing crew, started in hole with 5-1/2" 14# K-55 to 3684'. Cemented casing with a total of 1700 sx of API Class-C cement consisting of 1500 sx of API Class-C cement containing 2% CaCl₂ followed by 200 sx of API Class-C neat cement. Circulated approximately 475 sx of excess cement to pit. Pumping pressure while mixing and pumping cement was 2000 psi. Rigged down Halliburton after finishing cement job and shut down for Sunday.
- 03-27-91 Picked up and ran into hole with 4-3/4" bit and tagged PBDT at 3584' GL. Drilled cement to a PBDT of 3670 GL and then circulated hole clean. Rigged up Capitan Wireline Service and perforated well with a total of ten holes with two shots each at 3609.5, 3613.5, 3617.5, 3648.5, and 3652.5. Ran into hole with a Halliburton 5-1/2" E-Z drill retainer and set retainer on wireline at 3602' RKB. Started into hole with tubing and stringer. Shut down for night due to high winds.