Form 9-331 Attachment

R. L. Gates A-23 #1 Page 2

11/30/76 Pulled up and broke off Kelly connection and pressure kick stopped. Rigging up (Continued) Kelly hose. Milled 3273' to 3280'. Hit tight spot at 3280'. Had to pull 30K# over weight of tubing to get loose. Pulled out of hole. Laid down drill collars and mill. 3" section of bridge plug wedged inside mill. SDFN at 5:30 P.M.

- 12/1/76 Repaired Kelly hose connection. Ran bit to 3280'. Drilled out to 3282'. Got back pieces of iron (appeared to be portions of slips), brass, and rubber. Also got Guiberson name plate with markings indicating KVL-30. Bit apparently drilling on rubber. Pulled bit. Several teeth on bit missing and pieces of rubber jammed in bit. SDFN at 5:30 P.M.
- 12/2/76 Ran mill in to 3282'. Milled to 3383.5'. Mill plugged. Pulled mill. Found piece of metal lodged in mill ports. Shut down rig at 5:30 P.M.
- 12/3/76 Ran 2-7/8" tubing open ended to 3242'. Laid down 2-7/8" work string. Rigged down. Rigged up swab unit. Swabbed back 30 bbls. of KCL water.
- 12/4/76 Swabbed back 100 bbls. of KCL water (130 bbls. recovered). Swabbing from 2800'.
- 12/5/76 Shut down.
- 12/6/76 Swabbed back 70 bbls. of KCL water (200 bbls. recovered).
- 12/7/76 Swabbed back 60 bbls. KCL water (total 260 bbls. recovered). Released rig at 3:00 P.M.

Will leave well shut down for 1 week until pump unit is installed to recover remainder of KCL water.

- 12/11/76 Shut-In wellhead pressure, O PSIG.
- 12/14/76 Shut-In wellhead pressure, 10 PSIG.
- 12/16/76 Shut-In wellhead pressure, 10 PSIG. Static fluid level @1953'. Bottom hole pressure = 538 PSIG.
- 12/28/76 Pulled and laid down 2½" tbg. Ran 4½" impression block. Hung up @ 3100'.
  P.O.H. with I.B. Ran 5½" Halliburton model R-4 Packer on 2" tubing and set @ 3279'. Pressure tested below packer to 1000 PSI. Released pressure after 5 min.
  O.K. Pulled out with packer. SDFN @ 5:00 P.M.
- 12/29/76 Pulled 45 jts. of tubing when packer hung up. Pushed packer down hole 2 jts. when it hung again. Pulled 2 jts. Packer wouldn't move up or down. Pulled 60,000# and sheared packer shear pins. Packer would not move up hole. Pushed packer down hole 25'. SDFN @ 4:00 P.M.
- 12/30/76 McCullough located packer @ 1917' and chemical cut 2-3/8" tubing @ 1903'. Ran Bowen washover tool, bumper sub, hydraulic jars and 5 - 3½" drill collars. Latched on to 2-3/8" tubing stub above packer. Jarred on packer ½ hr. before it unseated. Pulled packer out of hole. Ran 104 joints of 2-3/8", 4.6# tubing to 3244' with seating nipple on bottom. Landed tubing and flanged up wellhead.
- 12/31/76 Attempted to swab but all lines were frozen. Shut down rig @ 10:00 A.M. because of freezing weather.



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