

WELL COMPLETION HISTORY

E. C. HILL "D" FEDERAL NO. 6
UNIT I, SECTION 34, T23S, R37E
LEA COUNTY, NEW MEXICO

- 02-17-90 - Drilled cement and DV tool. Pressured csg to 1000#.
- 02-18-90 - TD at 7577'. Ran gamma ray correlation log from 7577-4600'. Perforated with 2 JSPF at 7324-26', 7354', 7372-77', 7380', 7386', 7389-93', 7395'. (36 holes total). Swabbed well.
- 02-21-90 - Acidized with 4000 gallons 20% regular acid and 8000 gallons 20% gelled acid in stages with 25 ball sealers. ISIP: 2000#. 5 SIP: 1900#. 10 SIP: 1450#. 15 SIP: 1360#. Swabbed well.
- 02-27-90 - Bottom Hole Pressure test. Surface TP: 792#. BHP of 1583# at mid-point of perforations, 7360'. No water indicated. Set 4 1/2" CIBP at 7290'. Dumped 1 sx sand on CIBP. Pressured csg to 500#. Perforated 1 JSPF at 6518', 6534-36', 6539-42', 6544', 6546-49', 6551-54', 6560-71', 6573', 6581', 6583-92'. (41 holes total). Swabbed well.
- 02-28-90 - Acidized. Pumped 6000 gallons 15% NEFE acid. Dropped 60 ball sealers. ISIP: 1800#. 5 SIP: 1620#. 10 SIP: 1520#. 15 SIP: 1440#. 45 SIP: 1000#. Swabbed. Well started flowing.
- 03-01-90 - Well flowing on 18/64" choke. TP: 175#. Opened choke up to 42/64" choke. Fluid hit in 5 minutes. Closed to 24/64" choke. Did not recover any fluid for 1 hour. TP: 100#. Opened well up to 32/64" choke. Bled off to 15#. Swabbed. Did not tag any fluid. Put well on 16/64" choke. Pressure increased to 210#.
- 03-02-90 - Bottom Hole Pressure test on Abo zone. Perfs 6518-6592'. Pressure at 6555' - 2361#. Ran 1.781 BFC plug to 6416'. Set plug in profile nipple. Jayed off seal assembly. Perforated 2 JSPF at 6314-6318' (9 holes), 6321-25' (9 holes). Swabbed well.