

History of Well Carlson 5 25 No. 4

Spudded February 25, 1960. Drillad 15" rotary hole to 848". Set and cemented 336.30° of new 11 3/4" H-40, 42# 8rd thread casing at 847°, using plain Halliburton guide shoe and two Halliburton centralizers. Cemented with 700 sx. Dialix "A" and 200 sx. reg. neat around casing shoe. Cemented by B. J. Sorvice Co. Cement circulated. Tested casing with 1000; for 30 min. w.o. lose of pressure. Drilled 8 3/4" rotary hole to 67771. Set and comented 6763.291 of new 7" 23# casing using Hallibarton whirler type shoe and Halliburton diff. float collar. Casing set consisted of 1023.66 of 7" N-80 23# 8rd thread and 5739.63 7" J-55 3% are thread casing. Halliburton DV collar set at 1197.86. Cemented using 400 sx 50/50 poznix w/2% additional jel and 100 sx. reg. neat cement around show on first stage. On second stage cemented with 250 ax. 50/50 poznix cament. Tested casing with 1000# for 30 minutes w/o loss of pressure. Drilled 61" rotary hole to 6895 T.D. DST #1 from 6860 to 6395 T.D. Gas to surface in 1 minute strong blow throughout test. Tool open 2 hrs. 30 min. I.S.I.P. 2420# 30 min. F.S.I.P. 1520# I.F.P. 220/ F.F.P 680/. Recovered 25 bbls. of free oil, no water. Ran logs on well and started swabbing from 6779 to 6895. Acidized with 3500 gal. acid. Swabbing at rate of 7 bbls. per hr. Reacidized with 7500 gal. acid. Swabbed at rate of 7 bbl. oil per hr., no water. Ran Model "D" Packer, Baker and set at 6700". Perf. 5566" to 6674". Swabbed dry. Squeezed perf. with 25 sx. reg. neat cement 1,000# P.S.I. Perf. 6240 to 62441; 62461 to 62541. Swabbed dry. Acidized with 500 gal. M.C.A. acid. Swabbed dry. Squeezed perf. with 75 ax. reg. neat cement at 4100# P.S.I. Drilled out. Cemented perf. from 6240 to 6254. Test with 1000# for 30 min. w/o loss of press. Drillet out. Camented perf. from 6666 to 6674 tested with 1000# for 30 min. w/o loss of press. Perf. 6122 to 61281; 61301 to 61351; 61301 to 61481. Swabbed dry. Acidized with 1000 gal acid. Swabbed at the rate of 2 bhls. of oil per hr. Readidized with 2500 gal. acid, swabbed at rate of 2 bbls. oil per hr. Fractured with 10,000 gal. Petro and 10,000# sand. Flowed at the rate of 3,900 MCF on 1/2" choke. Squeezed perf. with 100 sx. reg. neat cement at 4500. Drilled out cemented perf. and tested with 4700# for 30 min. w/o loss of pressure. Perf. 5914 to 5913; 5902 to 5932; 5935 to 5956; 5960 to 5968. Swapped day. Acidized with 1000 cal. acid, swabbed at rate of 1 1/2 bbls. oil per hr. Reacidize with 2500 gal. acid, flowed back at rate of 17.7 bbls. oil per hr. for 11 hrs. Set pumping unit on Fusselman. Put well on production. Fusselman pumping and Drinkard flowing.

Form C-110

SANTA VALUE WITH THE MENT OF Revised 7/1/55

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CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND MATURAL GAS

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