

Lone Star Producing Company - Atlantic State No. 1 Well, Unit 1, Section 30, T-17-S, R-36-E, Lea County, New Mexico, South Double A-Abe Field:

HOBBES SERVICE O.C.C.  
Aug 26 10 51 AM '64

- 7-28-64 Squeezed perforations 5,060' to 5,098' with 142 sacks Lone Star Inco with 8/10 of 1% HA-9 plus 5# salt per sack added to 4000#.
- 7-29-64 Drilled out to 5,100' and tested squeeze job on perforations 5,060' to 5,098' with 2000# pressure for 30 minutes. No pressure loss.
- 8-1-64 Squeezed perforations 9,148' to 9,211' with 128 sacks Lone Star Inco with 8/10 of 1% HA-9 added to 2200#.
- 8-2-64 Drilled cement from 9,050' to 9,198'. Perforated from 9,190' to 9,197' (7 holes). Checked drilled out T.D. at 9,200' by Ram Guns, 2' deep to driller.
- 8-3-64 Ran 2-3/8" O.D. 4.70# J-55 tubing and Guiberson packer. Set tubing at 9,194.83'. Swabbed salt water with trace of gas, no oil.
- 8-4-64 Swabbed 12 barrels salt water per hour, no oil, slight trace of gas.
- 8-5 & 6-64 Squeezed perforations 9,190' to 9,197' with 230 sacks cement (3 jobs).
- 8-6-64 Tested squeeze on perforations 9,190' to 9,197' with 4000#. No pressure loss.
- 8-7-64 Drilled cement from 9,120' to 9,172'. Perforated from 9,157' to 9,161' (4 holes). Checked drilled out T.D. to 9,174' by Ram Guns, 2' deep to driller.
- 8-8-64 Ran 2-3/8" O.D. 4.70# J-55 tubing and Guiberson packer. Set tubing at 9,161.41', Guiberson packer at 8,963.72'. Treated perforations 9,157' to 9,161' with 500 gallons mud acid. Swabbed estimate of 50 barrels acid and load water in 3 hours.
- 8-9-64 Swabbed 12 hours getting estimate of 121 barrels salt water and 27.05 barrels oil.
- 8-10-64 Swabbed 7 hours getting 54.38 barrels oil and 40 barrels water.
- 8-11-64 Pulled tubing and packer.
- 8-12-64 Ran 2-3/8" O.D. 4.70# E.U.E. J-55 tubing, McGaffey Taylor anchor and Page tubing drain for completion. Bottom of tubing 9,166.11'.
- 8-13-64 Ran rods and pump to 9,157'.
- 8-14 & 15-64 Pumped load water with show of oil.
- 8-16-64 Pumped 105 barrels load water, 32.40 barrels oil.
- 8-17-64 Pumped 91.80 barrels oil and 35 barrels load water.
- 8-18-64 Pumped 91.80 barrels oil and 40 barrels water.
- 8-19-64 Pumped 97.20 barrels oil and estimated 21 barrels water.
- 8-20-64 Pumped 64.80 barrels oil and estimated 24 barrels water.
- 8-21-64 Pumped 48.60 barrels oil and 34 barrels water, water estimated.
- 8-22-64 Pumped 37.80 barrels oil and estimated 34 barrels water.
- 8-23-64 Pumped 21.60 barrels oil and estimated 34 barrels water.
- 8-24-64 Pumped 21.60 barrels oil and estimated 34 barrels water.