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Shar-Alan Oil Company
Rosa Unit No. 43
SE/4 Section 19 - 31N - 4W
Rio Arriba County, New Mexico

September 20, 1962

COMPLETION DATA SCHEDULE

January 3, 1962: Pulled drill pipe out of hole and started in hole with 5 1/2" liner.

January 4, 1962: Ran 5 1/2" liner from 3970-8305'. Cemented with 200 sacks of cement. WOC

January 6, 1962: Ran Howco RTTS packer on 3 1/2" drill pipe. Set packer at 3860'. Squeeze cemented top of liner with 50 sacks of neat cement plus 2% HA5. Maximum pressure 2500 psi. Backwashed an estimated 2¹/₂ barrels of cement. Pulled packer.

January 7, 1962: Drilled out cement above liner with 6 3/4" bit.

January 8, 1962: Drilled out cement inside 5 1/2" liner to 8295' with 4 3/4" bit.

January 9, 1962: Spotted 500 gallons MSA through tubing on bottom. Pulled tubing.

January 10, 1962: Perforated Dakota 8242-8251 and 8259-8267 with 4 holes per foot. Broke down at 3500 psi. Pumped in 15,000 gallons of water with injection rate of 5-9 BPM. Unable to pump sand because of high pressure and low injection rate. Perforated 8164-8178 with 4 holes per foot. Frac treated down casing with 14,000# 40-60 sand and 28,000 gallons of water. Blow out preventor ran door gasket blew out. Left estimated 6000# sand in casing and 8000 # in formation. Broke down 2500 psi. Treating pressure 3300-3500. Injection rate 21 BPM. Started in hole to clean out sand.

January 11, 1962: Well flowing by heads through casing. Cleaned out to bottom and flowed small amount of mud off bottom indicating a casing leak. Ran Howco RTTS 5 1/2" packer and set in top of liner. Tested 7 5/8" and liner hanger OK.

January 12, 1962: Changed blowout preventor.

January 13, 1962: Set cast-iron bridge plug at 8285'. Finished rigging up BOP. Frac treated down casing with 20,000# 40-60 sand and 44,000 gallons of water. Initial injection rate of 25 BPM decreased throughout treatment and sanding off after displacing 20,000# of sand. Started in hole to clean out.

January 14, 1962: Cleaned out to top of plug at 8285'.

2. January 1, 1961

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