

Standard Oil Company of Texas  
A Division of California Oil Company  
Federal Cane Ranch Unit No. 1  
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8510-60 and 8600-50. Set cement retainer at 8680 feet. Dropped bridging ball in cement retainer. Tested casing to 2000 psi, OK. Perforated 7740-7742' with 4 jets per foot. Set cement retainer at 7725 feet. Ran tubing and tested same to 5000 psi. Attempted to pump into perforations 7740-7742' with 4800 psi. Pulled tubing. Perforated 7550-7552 with 4 holes per foot. Set retrievable cementer at 7520'. Cement squeezed perforations 7550-7552' to 5000 psi. W.O.C. 18 hours. Drilled out cement. Tested casing and perforations to 2000 psi, OK. Perforated selected interval 7648-7697' with 9 holes. Landed tubing with packer at 7580'. Acidized with 2000 gallons acid. Swab tested sulphur water with small volume gas. Set cement retainer at 7613 and squeezed perforations with 60 sx cement to 5000 psi. W.O.C. 18 hours. Tested casing and perforations to 2000 psi, OK. Milled up retainers at 7725', 7924' and 8680'. Attempted to set cement retainer at 8745'. Setting tool malfunctioned. Milled up cement retainer. Ran and set cement retainer at 8745'. Squeezed perforations 8755-57 with 85 sx cement to 4500 psi. W.O.C. 18 hours. 5-3-63. Tested casing and perforations to 2000 psi, OK. Perforated interval 8712-21 with one jet per foot. Ran tubing and packer, setting packer at 8667'. Acidized with 500 gallons acid. Swab tested. 5-5-63. Reset packer at 8625'. Fracture treated perforated interval 8712-21' with 14,200 gallons water, 5,700 lbs sand and 1400 lbs walnut shells. Swabbed well off in 5½ hours. 5-7-63. Well flowed at rate of 456 to 523 MCF per day on 7 hour test. Killed well with brine water. Reset packer at 8632'. Swabbed for 4 hours and well kicked off. Released rotary rig 5-8-63. Now conducting production tests.

APPROVED

MAY 20 1963

RONNIE E. SHOOK  
ACTING DISTRICT ENGINEER

RECEIVED

MAY 21 1963

S. E. C.  
ARTERIAL DIVISION