

COPY

## HUMBLE OIL &amp; REFINING COMPANY

Continuation Sheet, Form C-103

Humble Oil &amp; Refining Company

N. M. State Ag-1

imum pressure 3300#. Overflushed tubing with 2.5 barrels crude oil to clear perforations. Drilled cement retainer and washed to 5394 feet. Ran tubing, packer and holddown, set packer at 5327 feet. Swabbed well 12 hours and recovered 40 barrels water, no oil. Covered formation with 1-1/2 barrels gel mud followed by one barrel water and 1,000 gallons 15% LF acid. Maximum pressure 3200#, injection rate 1.5 BPM. After acid hit formation pressure broke to 2800#, shut-in pressure 2500#. Swabbed well 14 hours, recovered 123 barrels water, no oil or gas. Pulled tubing and ran cast iron retainer, set at 5319 feet. Squeezed perforations from 5337 to 5390 feet with 50 sacks regular cement. Squeeze pressure 3500#. Reversed out 3 sacks cement. Ran cast-iron bridge plug and set at 3960 feet, and perforated casing with four bullet shots per foot from 3858 to 3908 feet - 200 shots. Washed perforations with 500 gallons mud acid; break down pressure 1500#. Ran tubing and packer and set at 3910 feet. Treated well with 10,000 gallons refined oil and one pound sand per gallons. Maximum pressure 3400# at average injection rate of 13.3 barrels per minute. Final pressure 2100#. Overflushed with 90 barrels crude. Shut-in pressure after 10 minutes 2000#. Swabbed well five hours and kicked off and flowed and swabbed 314 barrels fluid. Last five hours well flowed 163 barrels on 1/2-inch choke, 15% E&W. Tubing pressure 130#, casing pressure 300#. Gas at rate of 593 Mcf per day. On test of 5-10-55 the well flowed 46.92 barrels fluid, 38.47 barrels of oil, with a GOR of 12,938 and flowing tubing pressure 140 psi, casing pressure 320 psi, through a 2 1/2-inch choke.

witnessed by

Name

Humble Oil & Refining Company  
 Company

Farm Boss  
 Title

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name

 Position District Superintendent

 Representing Humble Oil & Refining Company

 Address Box 2347, Hobbs, New Mexico

jmb

[illegible]

*[Faint handwritten signature]*

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