Attachment for Big Eddy Unit No. 2

On 4-2-63 a 5-1/2" OD 20-23# N-80 casing liner was run and set between 11,379' and 12,205' with 140 sx. slo set. Tested liner with 4000 PSI. OK. After WOC 18 hours, perforated 12,012'-12,022' with 2 JSPF. Acidized with 500 gal MCA. Recovered load and 76 barrels of salt water in 13 hours. No show of oil or gas. Set CI retainer at 12,000' and squeezed perforations 12,012'-12,022' with 75 sx slo set. Perforated 11,934-38'; 11,947-52'; 11,972-76'; 11,988-94' and acidized with 1000 gallons MCA. Swabbed 48 BLW and 6 barrels of salt water in 7 hours. No show of oil or gas. Set CI retainer at 11,925' and squeezed perforations 11,934-11,994' with 75 sx Inferno. Perforated 11,682-88'; 11,722-35'; 11,815-23' with 2 SPF, acidized with 1000 gal MCA. Recovered load water by swab & flow of gas. On 4-23-63 gas rate of 156 MCFPD thru 16/64" choke. TPF-150#. Non-commercial.

We propose to squeeze present perforations 11,682-11,823' with 250 sx cement. Perforate 10,706-10,710'; 10,716-10,720'; 10,730-10,736' and acidize with 3000 gal. Evaluate.

APPROVED
APR 24 1963
ACTING DISTRICT ENGINEER

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO