Attachment Form C105, Gulf Oil Corporation, Graham State (NCT-A) No. 5, located in Unit H, Section 24, 18-S, 37-E, Lea County, New Mexico.

Spotted 500 gallons of 15% NEA from 6020' to 5520'. Perforated 5-1/2" casing with 4, 1/2" hyper jets per foot from 6008' to 6010'. Pumped acid into formation. Max-imum pressure 2700#, minimum 2400#, ISIP 2400#, after 15 minutes 1000#. Swabbed water and trace of oil. Treated with 24 barrels of MCA and flushed with 24 barrels of water. Maximum pressure 2000#, minimum 1250#, ISIP 1250#, after 5 minutes 350#, after 10 minutes 150#. AIR .4 BPM. Swabbed water and trace of oil. Ran rods and pump. Pumped water only from April 25 to May 7, 1969. Pulled tubing, rods and pump. Ran Halliburton "E2" drill cement retainer and set at 5985'. Squeezed perforations 6008' to 6010' with 150 sacks of Class C cement containing .6% Halad 9 and 3.3# salt per sack. Tested squeezed perforations with 1800#, 10 minutes. OK. Perforated 5-1/2" casing with 4, .71" shots in plane at 5960'. Treated with 1000 gallons of 15% NEA and flushed with fresh water. Maximum pressure 3700#, ISIP 2100#, AIR 1.8 BPM. Swabbed water only. Perforated 5-1/2" casing with 4, 1/2" JHFF from 5198' to 5203'. Set packer at 5247'. Tested for communication between perforations 5960' to 5198-5203'. No indication of communication. Swabbed perforations 5198' to 5203' dry. Set CI BP at 5900' and capped with 1-3/4 sacks of cement. Swabbed water only from perforations 5198' to 5203'. Perforated 5-1/2" casing with 4, 1/2" JHPF from 5526-28', 5543-45' and 5573-75'. Swabbed water only. Treated with 1000 gallons of 15% NEA. Formaticn broke at 3950#, broke back to 800# at 4 BPM. ISIP vacuum. Swabbed water only. Set CI BP at 5475' and capped with 1-3/4 sacks of cement. Perforated 5-1/2" casing with 4, 1/2" JHPF from 5320-22'. Swabbed dry. Treated with 1000 gallons of 15% NEA. Maximum pressure 4500#, minimum pressure 2600#, ISIP 1800#, after 10 minutes 0#. AIR 2.1 Bpm. Swebbed water and trace of oil. Circulated hole with fresh water containing 55 gallons of Kontol corrosion inhibitor. Fulled tubing and packer. Set CI BF at 5135' and capped with 1-3/4 sacks of cement. Plugged back to 5120'. Well to be carried as temporarily abandoned.

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ORIGINAL SIGNED BY C. D. BORLAND

C. D. BORLAND Area Production Manager Gulf Oil Corporation