

Acidized with total 2900 gallons 15% regular and scrubbed dry. Spaced with 150 sacks cement. Re-spaced with 100 sacks cement to 4400 psi. Perforated with 5 shots per foot 5966-5995. Acidized with total 2900 gallons 15% regular and scrubbed dry. Spaced with 150 sacks cement. Re-spaced with 100 sacks cement to 4400 psi. Drilled cement plugs and magnesium bridge plug and cleaned out to plug back depth 6743'.

Set Baker Model B production packer at 6900 with 2-1/8" tubing landed at 6900 and side door choke nipple above packer. Cleaned up both zones. Blacked off top zone to test lower zone 6620-6632 through 20/64" choke on tubing. Tested 275 MCFD, 31 barrels oil per hour, no water. Closed casing pressure stayed at 2375 psi indicating packer holding. Blacked off bottom zone and installed side door choke to test upper zone 6514-6524 through tubing. Tested 325 MCFD, 8 barrels oil per hour, no water. Fashed zone with 500 gallons 15% HCl at injection rate 1.6 barrels per minute and treating pressure 1200 psi. Tested 440 MCFD, 4-1/2 barrels oil per hour, no water. Closed tubing pressure held at 1800 psi showing effective separation of two zones. Acidized with 2000 gallons 15% regular. Treating pressure 1400 psi and injection rate 4.5 barrels per minute. Tested 490 MCFD, 14 barrels oil per hour, 3-1/2 barrels water per hour. Recommended well to pipeline to test upper zone 6514-6524. Tested well into pipeline 495 MCFD, 184 barrels oil per day, 40 barrels of water per day and completed as condensate-producing gas well April 10, 1958. Blacked off lower oil-bearing zone 6620-6632 and equipped well to produce upper zone 6514-6524 through tubing string to furnish additional helium-bearing gas to U. S. Bureau of Mines Helium Plant.