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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency		
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No.	155	

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Drilled out cement and scraped cosing 3892-3914'. Set 8' Plastic Catch centered at 3905%. After waiting on patch to set, tested coming with 3050 pai, which bled to 2300 bei in 70 minutes. Drilled out casing patch at 3005 with Caker casing scraper. Hen 2-3/8" tubing and scraper to 7435" and circulated hole clean. Spotted 500 gallons of SDA ecid. Ran correlation log and perforated with 6 shots per foot 7100-7110. Han 2-7/8" free tubing with taker full bore packer and set packer at alal'. "tempted to frac, but unable to breakdown with 3200 pai. haset pecker at 4331'. Breakdown at 5300 pai back to 800 pai and established injection rate of 8 barrels per minute at 2800 pais. Reset packer at illi. Sandwater fractured with 21,900 gallons water containing M pounds per 1700 gallons J-101 and 10 pounds J-98 per 1000 gallons with 1 percent calcium chloride and 20,000 pounds send. Breakdown pressure 5300-800 psi, maximum treating pressure 4300 psi, minumin treating pressure 4000 psi, average treating pressure 4100 psi, average injection rate 19 barrels per minute. Ran 2-3/8" tubing with Caker Model " " acker and set packer at 6949' with bottom of tubing at 7078' and loaded annulus with oil. Completed as shut in gas well Basin Dakota Field May 20, 1961. Preliginary test May 20, 1961, flowed 2300 Mil per day. pressure flowing 150 bei, with casing pressure flowing remaining at zero.