11-15-63	Drilling at 6220'. Straight hole survey run at 6050' - 2 1/4°.
11-16-63	Drilling at 7115'
11-17-63	Drilling at 8025'
11-18-63	Drilling at 8400'
11-19-63	Total depth 8502'. Preparing to run pipe.

11-20-63   Started in hole with 4 1/2" casing. Hit bridge at 6600 feet. Plugged casing. Insufficient gas pressure to break circulation.

11-21-63   Pulled casing and broke plug loose. Started in hole with casing and stuck casing at 6179'. Unable to break circulation. Insufficient gas from drilling source. Mixed 3 sacks of gel and one can of detergent in 15 barrels of water and pumped in casing. Turned gas down casing and broke circulation. Casing came free. Casing stuck at 6410'. Unable to circulate or move casing. Insufficient gas to clean hole.

11-22 to 11-26-63   Ran 2" tubing with 3 7/8" bit and cleaned out to 7135'.

11-27-63   Cemented 2 1/2" EUE tubing liner from 6315 to 7135 feet with 25 sacks around shoe and 50 sacks around top of liner. Pulled 2" tubing.

11-28-63   Ran RTTS packer on 2" tubing. Squeeze cemented top of 2 7/8" liner with 40 sacks in 2 stages. Maximum pressure 3000 psi. Perforated @ 6190 with 4 holes. Set packer above perforations and squeeze cemented through perforations with 55 sacks. Maximum pressure 3000 psi.

11-29-63   Perforated @ 6030 with 4 holes. Set packer above perforations and squeeze cemented through perforations with 55 sacks. Maximum pressure 300 psi. Pulled tubing and packer. Ran tubing with 3 7/8" bit.

12-1-63   Ran correlation log. Perforated Gallup 6896-6900, 6946-6953, 6917-6922, 6995-7000, and 7020-7025 feet with 2 holes per foot. Frac treated with 11,800# sand and 10,000 gallons water. Breakdown pressure 3500#. Treating pressure 3500-3600#. Injection rate 12 BPM. Instant shut in 2200#. Perforated Mesaverde 6115-6127 and 6269-6275 with 48,200 # of 20-40 sand and 55,000 gallons water. Breakdown pressure 2700 psi. Treating pressure 300-3500 psi. Instant shut in 1200. Injection rate 33 BPM. Installed rotating head. Started in hole blowing well down.

12-2-63   Blowing hole down at 4500'. o with making a stream of frac water and estimated 500 MCFPD.