

Attachment - C-103
Elbert Shipp No. 1

Plugged back and recompleted in the Eumont Gas Zone as follows:

1. Killed well. Pulled 2-3/8" tubing.
2. Ran measuring line. Found top cavings at 3952'.
3. Ran 2-3/8" tubing to 3951'. Plugged back with 30 sacks regular Neat cement. Picked up tubing to 3794' and back washed 5 sacks cement. Found top cement at 3792'.
4. Pulled tubing and reran 117 Jts 2-3/8" tubing, 5-1/2" Sweet hookwall packer set at 3569'. Pressured up above packer and broke circulation on 7-5/8" - 5-1/2" annulus. Inj rate 3-1/2 bbls per minute at 900#.3 (See C-103 dated May 14, 1954 for casing leak repair).
5. Ran 124 Jts 2-3/8" tubing set at 3786'. Swabbed 50 bbls load salt water 4 hours. Swabbed 50 bbls load salt water 10 hours. Well kicked off. blew to air to clean up. Gas tested 759,000 cu ft thru casing with 75# back pressure.
6. Killed well. Pulled tubing.
7. Ran 2-7/8" tubing with 5-1/2" Sweet hookwall packer set at 3580'. Sand frac treated with 6000 gallons and 6000# of sand. Inj rate 264 gallons per minute. Flushed with 74 bbls oil.
8. Pulled 2-7/8" tubing and packer. Reran 123 Jts 2-3/8" tubing set at 3763'. Ran swab twice and well kicked off. Flowed 96 bbls load oil 4 hours. Gas tested 7,500,000 cu ft thru casing at 200# back pressure.
9. Gas tested 933,000 cu ft thru 2-3/8" tubing at 975# back pressure (Eumont Gas Pay). Estimated open flow potential 5,600,000 cu ft.