

SUMMARY OF OPERATIONS

10/6/63 Commenced drilling operation @ 12:10 a.m. (spud date).

10/9/63 Set 1520' of 9-5/8" surface casing.

10/9/63 Ran temperature survey.

10/10/63 Tested 9-5/8" casing w/800# for 30 mins.

10/23/63 Fished and recovered 10 drill collars, stabilizer and bit in 153 hrs.

11/12/63 PGAC ran Acoustic-GR log 100-6842.

11/12/63 PGAC ran Laterolog 2900-6837.

11/12/63 Worth Well ran Caliper Survey 1500-6840'.

11/13/63 Set 6850' of 7" production casing.

11/14/63 Worth Well ran Temperature Survey 0-6789'.

11/14/63 Released Gardner Bros. drilling rig @ 11:00 a.m.

11/18/63 Rig up Lohmann Well Service derrick unit.

11/18/63 Drilled out cement 6781-6830.

11/19/63 Tested 7" casing w/1500# for 30 mins.

11/19/63 Squeezed outside of 7" casing w/250 sx. cement.

11/19/63 Worth Well ran GR Collar Log 5800-6834.

11/19/63 Worth Well perf. 7" casing 6569-6807 w/1 JSPF.

11/20/63 Dowell, Inc. acidized perms. 6569-6807 w/1000 gal. 15% NE acid.

11/21/63 Pulled tbg. & pkr.

11/21/63 Western Co. sand oil frac perms. 6569-6807 down 7" csg. w/15000 gal. refined oil + 30,000# 20-40 Ottawa sand + 1/20#/gal. Adomite M-2 in 3 stages using 28 RCN ball sealers.

11/22/63 Ran 2" tbg. & set @ 6547'.

11/29/63 Pulled 2" tbg. & pkr.

11/29/63 Set Baker Model D pkr. w/knockout plug @ 6548'. Set ret. bridge plug @ 6075'.

11/29/63 Frontier perf. 7" casing 5916-5932 and 5940-5960.

11/29/63 Ran 2" tbg. & pkr., set @ 5898'.

11/30/63 BJ Service acidized perms. 5916-5932 & 5940-5960 w/1000 gal. 15% NE acid.

12/1/63 Recovered bridge plug @ 6075'.

12/1/63 Ran 2-3/8" Blinbry tbg. to 6552', latched in pkr. @ 6548'. Seating nipple @ 6542'. Ran 2-3/8" Glorieta tbg. to 5959', tbg. perms. @ 5927. seating nipple @ 5926'. Installed ROP