

Detailed Account of Work Done  
More and Quantity of Materials used  
and Results Obtained. Whitten 1

3-13 to 3-21-59

Plugged back to 10,570. Perforated 10,082 - 10,138 with four shots per foot. Acidized with 2,000 gals., Packer leaked during treatment. Recovered acid water with swab. Re acidized with 4,000 gals. Recovered acid water with swab. Recovering 85% oil and 15% acid water during last portion of swabbing. Dolofrased with 20,000 gals. through 3" tubing. Recovered acid water and some oil by flowing and swabbing.

3-21 to 4-3

Set bridge plug at 7895. Perforated 7590-7600 7608-18 acidized with 2,000 gals. Recovered acid water by swabbing. Well swabbed 100% oil thereafter for a few hours and then swabbed 100% salt water.

Set bridge plug 7582. Perforated with 4 shots per foot 7557-7569. Acidized with 1,000 gal. Recovered acid water by swabbing, and swabbed water thereafter.

Set bridge plug 7540. Perforated with 4 shots per foot 7478-7490. Acidized with 1,000 gal. Recovered acid water by swabbing and swabbed water thereafter.

Squeezed 7478-7490 with 125sx.  
Perforated 7396 to 7402 and 7406 to 7412 and treated with 1,000 gals. of acid. Recovered acid water by swabbing and thereafter swabbed water.

Set bridge plug 7382. Perforated 7318 - 7346 treated with 1,000 gal. acid. Recovered acid water by swabbing, swabbed 8% oil 92% water thereafter.

Set bridge plug at 7284. Perforated 7212-7224 treated with 1,000 gal. acid. Recovered acid water by swabbing and thereafter swabbed water.

Set bridge plug 7214 perforated 7164-7170 7184 7202, treated with 1,000 gal. of acid. Recovered acid water by swabbing and swabbed water with a trace of oil thereafter.

Re acidized same interval with 4,000 gals. Recovered acid water, well swabbed water thereafter.

4-3 to 4-5

Began drilling out all bridge plugs preparatory to testing intervals below those just tested. Completed drilling bridge plugs 4/5. Squeezed 7557-7618 and 7478-7490 with 375 sx. Packer stuck.

4-6 to 4-15

Working to release stuck packer.

4-16 to 4-21

Squeezing perforations 7154 to 7618 and drilling out bridge plugs.

4-22 to 4-23

Perforated 10,357-358, 10,362-363 10,367-377 10,381-383, 10,387-389 10,393-405. Acidized with 1,000 gals. re acidized with 4,000 gals. Swabbed well dry no oil shows.

4-23 to 4-26

Set bridge plug at 9,500, perforated 9,235 to 9,241, 9,251, to 9,256 and 9,262 to 9,268. Acidized with 1,000 gals. Recovered acid water well swabbing slight oil with acid water. Re acidized with 4,000 gal. Recovered acid water well swabbed slight oil with acid water.

Set bridge plug at 9,210. Perforated 9138 to 9144 acidized with 500 gals. Well swabbed 20% of salt water per hour.

3-21 to 3-21-12

Plugged back to 10,570. Performed 10,000 - 10,138 with four shots per foot. Added  
with 1,000 gals. Packer leaked during treatment. Recovered acid water with swab. Re-  
acidified with 1,000 gals. Recovered acid water with swab. Recovering 8% oil and 1%  
acid water during last portion of swabbing. Dolomized with 20,000 gals. through 3" tubing.  
Recovered acid water and some oil by flowing and swabbing.

3-21 to 4-2

Set bridge plug at 7895. Performed 7500-7600 7008-18 acidized with 2,000 gals. Recover-  
ed acid water by swabbing. Well swabbed 100% oil thereafter for a few hours and then swabbed  
100% acid water.  
Set bridge plug 7585. Performed with 4 shots per foot 7571-7585. Acidized with 1,000 gal.  
Recovered acid water by swabbing, and swabbed water thereafter.  
Set bridge plug 7540. Performed with 4 shots per foot 7478-7490. Acidized with 1,000 gal.  
Recovered acid water by swabbing and swabbed water thereafter.  
Spurred 7478-7490 with 125%  
Performed 7390 to 7405 and 7405 to 7412 and treated with 1,000 gals. of acid. Recovered  
acid water by swabbing and thereafter swabbed water.  
Set bridge plug 7302. Performed 7318 - 7319 treated with 1,000 gal. acid. Recovered acid  
water by swabbing, swabbed 8% oil 98% water thereafter.  
Set bridge plug at 7294. Performed 7212-7224 treated with 1,000 gal. acid. Recovered acid  
water by swabbing and thereafter swabbed water.  
Set bridge plug 7214 performed 7194-7197 7202, treated with 1,000 gal. of acid. Re-  
covered acid water by swabbing and swabbed water with a trace of oil thereafter.  
No acidized same interval with 1,000 gals. Recovered acid water, well swabbed water there-  
after.

4-2 to 4-2

Began drilling out all bridge plugs preparatory to setting intervals below these plugs. Re-  
covered acid water by swabbing and swabbed water with a trace of oil thereafter.  
Completed drilling bridge plug 4-2. Spurred 7271-7218 and 7478-7490 with 3% oil. Packer  
stuck.

4-2 to 4-12

Working to release stuck packer.

4-12 to 4-21

Re-spurring perforations 7194 to 7218 and drilling out bridge plugs.

4-21 to 4-25

Performed 10,327-329, 10,329-363 10,361-371 10,371-383, 10,383-389 10,389-402. Acidized  
with 1,000 gals. re acidized with 1,000 gals. Swabbed well dry no oil shows.

4-25 to 4-25

Set bridge plug at 9,210. Performed 9138 to 9144 acidized with 500 gals. Well swabbed 20  
Set bridge plug at 9,200, performed 9,232 to 9241, 9,251, to 9,252 and 9,252 to 9,253.  
Acidized with 1,000 gals. Recovered acid water well swabbing slight oil with acid water.  
Re acidized with 1,000 gal. Recovered acid water well swabbed slight oil with acid water.