

POGO PRODUCING COMPANY
ATTACHMENT 2/22/83
MOSBACHER 20 #1

1/3/83 - 1/8/83

TD 20,100', PBTD 20,020'. RD M0 Drilling rig.

1/9/83 - 1/12/83

TD 20,100', PBTD 20,020'. MIRU Pool well service unit. Spot 130 gal Acetic Acid from 18,740 to 19,560'. Start POH w/tbg.

1/13/83 - 1/18/83

TD 20,100', PBTD 20,020'. Tbg stuck, fished tbg and recovered all tbg.

1/19/83 - 1/28/83

TD 20,100', PBTD 19,747'. Run CIBP and set at 19,747'. RIH w/DP and spot 130 gal Acetic Acid 19,740' - 19,560'. POH w/DP. Run Baker Model DB pkr on wireline and set at 19,545. RIH w/prod tbg. Perf 5" liner 2 JSPF w/1 9/16" tbg gun: 19,586', 88', 90', 92', 94', 96', 98', 19,600', 02', 07', 18', 20', 22', 24', 33', 35', 37', 64', 66', 68', 83', 85', 93', 95'. (total 48 shots) Acidized perf w/6000 gal Mod-202 + 76 ball sealers + 500 SCF N₂/B. All load water has been recovered. Fluid level at 900' from surface. After recovering load swab well from 1/26-28/83 recovered 900 BW. Ran pump in tracer survey and found CIBP @ 19,747' leaking.

1/28/83 - 2/1/83

TD 20,100', PBTD 19,722'. Plug back with sand and cement to 19,722'. Ran pump in tracer log and found channel down behind pipe to 19,710' and plug in pipe at 19,722' leaking also. Acidize perf 19,586' - 19,695' w/6000 gal Mod-202 + 95 ball sealers + 500 SCF N₂/B. Recovered load and swab 722 BW in 48 hrs.

2/2/83 - 2/5/83

TD 20,100', PBTD 19,611'. Plug back with sand and cement to 19,722', 19,651'. Ran pump in tracer log and found perf 19,586' - 19,637' excepting fluid. Plug back with sand and cement 19,651' - 19,611'. Swab 50 BW. TOH w/tbg.

2/6/83 - 2/11/83

TD 20,100', PBTD 19,510'. Set CIBP at 19,540' and capped with 30' cement. Set wireline packer at 18,640'. Perf Devonian thru 5" liner w/1 9/16" tbg gun 2 JSPF: 18,693', 94', 95', 18,710', 11', 12', 13', 17', 18', 19', (20 holes). Acidized perf w/3000 gal Mod 202 + 36 ball sealers + 500 SCF N₂/B. After recovering load swab 910 BW from 2/9/83 - 2/11/83. There was a small gas show with 400 ppm H₂S. TOH w/tbg.

2/12/83 - 2/21/83

TD 20,100', PBTD 16,450'. Ran 5" CIBP at 18,635' and cap with 50' cement. Ran 7 3/4" gauge ring to top of 5" liner and pulled out of rope socket. Fished gauge ring out of hole. Ran 7 3/4" CIBP to 16,450'. Ran GR-CBL-CCL log from 16,200' - 12,462'. Ran RTTS pkr and set at 15,960'. Perf Atoka thru 7 3/4" liner with 1 9/16" tbg gun 2 JSPF: 16,002' - 16,016' (30 shots). Acidized perf with 3000 gal 15% HCL plus 5 ball sealers and 1000 SCF N₂/B. After recovering load well swab 680 BW from 2/18/83 to 2/22/83. Pull tbg and RTTS pkr at 15,960'.

2/22/83

TD 20,100', PBTD 15,950'. Set wireline CIBP @ 15,950'. Prep to perf Atoka 15,239' - 46'.