

BJ spotted 1000 gals 15% type "J" non-emulsion acid at perf. 9454-64 & 9436-50. TP 4000-3500# @ 1 BPM, 3500-4000# @ 1.4 BPM avg. inj. 1.2 BPM SD 3800# 20 min 2500#. Swab 43 BNO + 4 BAW 5 hrs. 3500' FIH. Strong blow gas ahead of swab - fair blow behind swab. S/O 2% AW 8/10% BS.

Push bridge plug to 9616'.

Pkr @ 9088' acidize all perf. thru by-pass w/5000 gals 15% type "J" acid. + 38 B/O flush-treat 4200#-5200# w/flush - avg. inj. 3.7 BPM. Final 3.2 BPM 20 min. Tested after acid. Flo w/gas lift valves 91 BNO + 16 SW 24 hrs - 1-1/4" tbg choke, casing choke 12/64". TP 45-250# CP 500-520#, S/O 1% BS 3% SW inj. ratio 2989-1, Form. ratio 341-1. Gr. 44° @ 60°.

Summary of Operations

- 10- 8-59 Squeeze perforations (9165-9200)
- 10-12-59 Commenced drilling Drill Deeper 9230-9650
- 10-20-59 Reached TD 9650'
- 10-21-59 Ran Welox GR & Sonic Logs.
- 10-21-59 Welox ran Caliper Log
- 10-22-59 Install 4" liner, top 9107, bottom @ 9650, D/O cement to 9616 PBTD.
- 10-23-59 Test 4" liner
- 10-24-59 Welox ran GR log
- 10-25-59 Welox perf 4" liner 9531-36 & 9565-79
- 10-25-59 BJ acidize perf 9531-36 & 9565-79
- 10-26-59 McCullough set C-I bridge plug @ 9508 + 4 gals. Hydramite 9508-9500
- 10-27-59 BJ acidize perf 9454-64 & 9436-50
- 10-28-59 Drlg. & push BP to 9616
- 10-29-59 Released rig, ran 2" tbg. & 2 Merla flow valves
- 11- 1-59 Commenced potential test
- 11- 2-59 Completed potential test
- 11- 7-59 Prod. had dropped to 2 bbl/hr.
- 11- 8-59 Rig up J. P. (Bum) Gibbins unit, pull pkr & 2" tbg.
- 11- 9-59 Released J. P. (Bum) Gibbins unit
- 11-11-59 BJ re-acidize perfs (all)
- 11-11-59 Well completed
- 11-13-59 Ran 2" tbg. w/perf tail pipe @ 9579 - pkr @ 9088 - Guib L-30 Sweet hold down @ 9087 - seating nipple @ 9086 - stand valve in place Sweet LH safety joint 9082' + 9 merla gas lift valves type W.F. 2.
- 11-13-59 Released J. E. Perkins rig.
- 11-16-59 Retest after acidizing (not submitted to NMOCC)

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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