

ACIDIZING RECORD

- 1-18-56 Cardinal Chemical Co. Acidized Perf 13749-13769 w/500 gals 15% Special, 4 hrs 35 mins. 4 bbls. into formation, TP 5500-6500#. Washed 1 1/2 bbls by Perf. CP 1800-2600 in 3 hrs. Swabbed 45 BLO (all) + 5 BAW & mud emulsion in 22 hrs. Swabbed 4 hrs, no recovery.
- 1-20-56 Cardinal Chemical Co. spotted acid over Perf 13749-13769 w/500 gals 15% Special. 2 hrs. 15 mins. Less than 1/10 BPM, increased to 1/4 BPM. TP 2700-2600#, CP 2900-2600#. Swabbed 185 BLO + 12 BAW + 58 BSW in 27 hrs. 6 BLH, 102 BLO to recover. Did not recover lead oil.
- 1-25-56 Cardinal Chemical Co. spotted acid over Perf 13760-13780 and acidized w/500 gals. 15% Special. .17 BPM = .2 BPM. TP 1700-2900#, CP 2000-2900#. Bled off after 5 mins 2500#. Swabbed 57 BLO (all) + 10 BAW in 8 hrs. 8 BLH. Slight show of acid gas. SO 60% AW.
- 1-27-56 Cardinal spotted acid over Perf 13760-13780 & Reacidized w/1000 gals 15% Special. 60 mins, .4 BPM, TP 1800-2000#, CP 2500-2500#. TP 2000-2200#, 5 min S/D pressure 1800#. Swabbed 57 BLO (all) + 18 BAW in 8 hrs. 6 BLH, SO 25% AW, no gas.
- 1-31-56 Halliburton "DOC" squeezed Perf 13760-13780 w/50 sks @ 6800#, 30 sks into formation, 7 sks in 5 1/2" casing below tool, 13 sks to surface. Swabbed 48 BLO in 17 hrs. Lacked 9 BLO to recover. Reversed cement contaminated oil off bottom.
- 2-7-56 Cardinal acidized Perf 13760-13780 w/500 gals. 15% Special, 120 mins, 1/10 BPM, TP 2250-2500#, CP 2500#, 5 min SIP 2200#. Swabbed 57 BLO (all) + 4 BAW in 7 hrs.

1. *Phylogenetic relationships*—The phylogenetic relationships among the 10 species of *Phrynosoma* were determined using the parsimony method of Felsenstein (1985) as implemented in the computer program PHYLIS (Felsenstein, 1989). The parsimony method was chosen because of the lack of a priori knowledge of the relative importance of the different characters. The characters were ordered by increasing homoplasy (Farris, 1989) and the characters were weighted according to the number of steps required to change a character state (Farris, 1989). The characters were ordered by increasing homoplasy and the characters were weighted according to the number of steps required to change a character state (Farris, 1989). The characters were ordered by increasing homoplasy and the characters were weighted according to the number of steps required to change a character state (Farris, 1989).

4. Don't forget to bring your bag to school tomorrow morning.

1. The above information was obtained from the files of the Federal Bureau of Investigation, Department of Justice, and is being furnished to you for your information only. It is not to be used for any other purpose.

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