

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
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DINERO OPERATING COMPANY-VASQUEZ COMM. NO. 1

- 4/29/83: Perforated thru tubing with 1JSPF at 11,478-11,473', 11,470', and 11,320-11,311'. (17 holes).
- 4/30/83-
- 5/11/83: Set R.B.P. at 11,439' and set treating packer at 11,216'. Acidize zone from 11,478-11,311 with 6000 gallons 7 1/2% MSR and 1500 SCF N² per barrel. Max. pressure 8000 psi. Max. total rate 5.4 barrels per min. Average rate 2.9 barrel per min. at 7800 psi. ISIP 5430 psi, 15 min. 5240 psi.
- 5/13/83: Treated zone flowing 120 barrels of formation water per hour. Shut-in after flowing 500 barrels+acid load.
- 5/17/83: Pumped 150 sacks CL. H. cement with 1% D60, 1% D65, 0.2% D13, and 0.2% D46 (Dowell). Max. squeeze pressure 5000 psi. Did not squeeze. Overdisplaced with 30 barrels flush. Mixed and pumped 150 sacks CL. H. cement with 0.5% D19, 0.5% D31, 0.1 D6, and 0.1% R5 (B.J. Hughes). Max. squeeze of 6,000 psi attained. Reversed out and shut-in. WOC for 24 hours.
- 5/18/83: Drilled out cement. Tested squeeze to 2000 psi for 15 minutes. Squeeze held.
- 5/21/83: Set CIBP at 11,200 ft. Dumped 35 ft. of cement on top of bridge plug. Temp. abandoned Atoka zone. Will attempt to recomplete in Wolfcamp.

Laranda Numa 5-25-83