

EDMAN R. ZINK & ASSOCIATES

ZINK STATE NO. 1

LEA COUNTY, NEW MEXICO

WELL DATA SUMMARY

TOTAL DEPTH: 12,293' KB (Devonian)

ELEVATION: 3,910' KB

KB TO GL: 13 feet.

CASING: 5 1/2", 17 and 20#/ft., N-80, LT & C (new).

CEMENT: 1100 sacks Class "H" with 0.4% Halad 22, 0.3% CFR-2 and 8# salt plus 1/4# flocele per sack. Estimated cement top at 9,500' KB.

PLUG BACK DEPTH: (A) Float collar at 12,247' KB.
(B) Initial tubing run to 12,207' KB.
(C) Last run with bit and tubing to 12,195' KB.

PERFORATIONS: One shot per foot at 12,059', 66', 68', 70', 77', 81', 99', 12,101', 07', 09', 14' and 18' KB.

TUBING AND PACKER: 2 7/8", EUE, 8 RD., N-80, 6.5#/ft. with Watson "GRABBER" packer; no tail pipe, set at 11,800' KB.

TREATMENTS: (A) 2000 gallons 15% mud acid.
(B) 50,000 gallons 2% KCL water with 8000# 40/60 sand and 30,000# 20/40 sand.

SWAB TEST: 12/7/79: 9 hours, recovered 6 barrels oil plus 59 barrels water, IFL = 5200' from surface; FFL = 9100' from surface.