

DATE: JULY 17, 1992

WELL: GRAMA RIDGE FED #2  
1046 FNL 1273 FWL SEC 9-T22S-R34E  
LEA COUNTY, NEW MEXICO

#### DATA

PERMANENT ZERO POINT: ZERO = KB = 26' AGL

UPPERMOST PLUG: 13277

RETAINER:

CASING: 7" 26# S-95

DEPTH SET @ 11772'

LINER: 4 1/2" 11.6# S-95 11542-13320'

PACKER DEPTH (TOP) & TYPE: BKR DB 4 1/2" PERM @ 12622

TUBING: 2-7/8" & 2-3/8" N-80

DEPTH SET @ 11486' AND 12622'

TOC: LOG: 5890'

PERFS: MORROW (12724-12734, 12740-12744, 12762-12766, 12905-12913, 12917-12922)

#### PROCEDURE

1. MIRU
2. RU HLS WIRELINE. MAKE GAUGE RING RUN TO  $\pm 13200'$ . PERF THRU 2-7/8" & 2-3/8" TBG W/1-11/16" DYNA STRIP W/14.5 GM CHARGE & .47" HOLE AS FOLLOWS:

CORRELATE TO ATTACHED HLS SPECTRAL DENS DUAL SPACED NEUTRON LOG DATED 6/19/90.

MORROW	(12995-12999)	4'	6SPF	24 HOLES
	(13051-13056)	5'	6SPF	30 HOLES
	(13191-13197)	6'	6SPF	<u>36 HOLES</u>

TOTAL	15'	90 HOLES
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NOTE: ALSO ATTACHED FOR CCL CORRELATION IS HLS CBL DATED 7/27/90, BUT NOTE THIS LOG IS 2' HIGH TO THE ABOVE MENTIONED OPEN HOLE LOG.

3. RU DOWELL-SCHLUMBERGER. INSTALL 10,000 PSI ISOLATION TOOL. STIMULATE MORROW PERFS (12724-13197) @ 6-8 BPM WITH A MAXIMUM PRESS OF 6000 PSI AS FOLLOWS:
  - A. PUMP 250 GALS 2% KCL + 50 GALS F3 ISOPROPYL ALCOHOL + 1 GAL J877 FRICTION REDUCER. EVENLY DROP 150 1.1 SG BALL SEALERS THROUGHOUT.
  - B. PUMP 500 GALS 7-1/2% HCL + 1 GAL W54 NON EMULSIFIER + 10# L58 IRON REDUCING AGENT + 1 GAL A260 INHIBITOR W/1100 SCF/BBL N<sub>2</sub> 70 QUALITY FOAM (35,000 SCF).
  - C. SURGE OFF BALL SEALERS
  - D. FLUSH W/85,000 SCF N<sub>2</sub>.
4. OPEN WELL UP & FLOW BACK IMMEDIATELY.
5. SWB AS NECESSARY OPEN INTO FLOWLINE.
6. RR.