

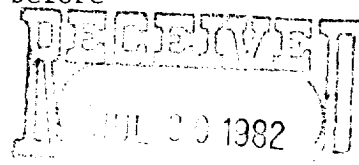
JALMAT COMPLETION

TD: 4000' PBD: +3000' ELEVATION: 3068' KB ZERO: 5' AGL

LOCATION: 2310' FSL & 330' FEL, Section 24, T-25S, R-36E, Lea County,  
New Mexico

CASING: 8-5/8", 24#, K-55, STC @ 1010' w/545 sx. circ.  
5-1/2", 15.5#, K-55, STC @ 3993' w/250 sx. in 1st stage  
(circ. trace cement), 1800 sx. in 2nd stage (circ. 200 sx.)

MISC: Block squeeze @ +2603' & 2990'. Took a gas kick before  
squeeze.  
Retainer @ +3000'.

RECOMMENDED PROCEDURE

1. Rig up. GIH w/4-3/4" bit, 5-1/2" casing scraper and 2-3/8" tubing and tag top of retainer @ +3000'.
  - A. Circulate hole clean w/2% KCL TFW w/1: 1000 Adomall and 1: 1000 Clay Master (Western).
  - B. Spot +180 gallons (4.3 bbls.) 15% NE-FE-HCL, inhibited for 48 hours @ 90°F from +2740' to +2560'.
  - C. POOH w/bit, scraper and 2-3/8" tubing.
2. GIH w/4" decentralized select fire casing gun and CCL on wireline.
  - A. Perforate 5-1/2" casing w/0.48" EHD, 0° phasing, 1 JSPF from top to bottom at 2656', 58', 60', 64', 66', 68', 70', 72', 78', 80', 95', 97', 2700', 02', 07', 10', 13', 26', 28', 30', 32', 34', and 2736'. (Total: 23 shots). Collars at 2731', 2685', 2640'.
  - B. POOH w/ casing gun and wireline.
3. GIH w/5-1/2" treating packer on 2-3/8" tubing and set packer @ +2560'. Load backside w/2% KCL TFW w/1:1000 Adomall and 1:1000 Claymaster. Pressure up backside to 1000 psi.
4. Acidize interval (2656'-2736') @ ±10-12 bpm w/2400 gals 15% NE-FE-HCL and 3 gals. CS-3/1000, inhibited for 24 hours @ 90°F as follows:
  - A. Log base temperature from ±2800' to ±2600'.
  - B. Pump 800 gals. acid and record ISIP.
  - C. Run temperature log from ±2800' to 2600' and again after 30 min. Results of temperature log will be evaluated on site and breakdown rate adjusted accordingly.
  - D. Drop 20 ballsealers, pump remainder of acid dropping 14 and 12 ballsealers respectively, after each 800 gallons. Attempt ballout. (Total: 46 ballsealers)
  - E. Flush w/10 bbls. 2% KCL TFW w/1:1000 Adomall and 3 gals./1000 CS-3.
  - F. Shut-in for ±1-1/2 hours.
  - G. Release and lower packer to ±2750' to knock off ball sealers.
  - H. POOH w/2-3/8" tubing and packer.