

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Location: BRUNSON - ARGO Well No. 5
Field: PADDOCK (GLORIETA)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. ACIDIZE THE PADDOCK PERFORATIONS (*5008'-5205'-197' OA - 93 HOLES) WITH 2500 GALS OF 15% NON-EMULSION, HCL ACID. TREAT AT 3 TO 5 BBL/MIN AND USE A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON BALL SEALERS TO OBTAIN A COMPLETE BALLOUT.

5. FRACTURE THE PADDOCK FORMATION (*5008'-5205'-197' OA - 93 HOLES) DOWN THE 5 1/2" CASING WITH 25,000 GALS OF 9.0 LB/GAL SALT WATER AND 60,000 LBS OF 20-40 MESH OTTAWA SAND. ALL THE WATER SHOULD CONTAIN THE FOLLOWING ADDITIVES:

20 LBS/1000 GALS OF GUAR GUM,

25 LBS/1000 GALS OF AROMITE AQUA,

2 GALS/1000 GALS OF SURFATRON 61.

ADJUST THE pH OF THE WATER TO BETWEEN 5 AND 7. TREAT AT 50 BBL/MIN (ESTIMATED SURFACE TREATING PRESSURE - 2500 PSI). USE 65 RUBBER-COVERED NYLON BALL SEALERS DISTRIBUTED EVENLY THROUGHOUT THE TREATMENT FOR SELECTIVITY.