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RECOMMENDED PROCEDURE
MALAGA "A" WELL #1
PLUG AND ABANDON

JUN 16 1983

O. C. D.
ARTESIA, OFFICE

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11. Weld pull nipple on 8-5/8" casing. Free point, cut and pull casing. (TOC by temperature survey at 2290'. Freepoint by stretch method.)
12. GIH with 2-7/8" tubing to 50' below cut-off point and spot 50 sacks of Class C cement with 2% CaCl_2 (14.8 ppg, 1.32 ft³/sx; TT \approx 2:45). Displace cement with mud-laden fluid. Pull tubing 6 joints and reverse clean. WOC. Tag and record top of plug. (TOC to be minimum of 50' above csg cut.)
13. Pull tubing 990' and spot 70 sacks Class C cement with 2% CaCl_2 (14.8 ppg, TT \approx 3:00). Displace cement with 5.5 bbl mud-laden fluid. (This plug will cover the top of the Castille formation.) Pull up 7 joints and reverse tbg clean.
14. Pull tubing to 667' and spot 70 sacks Class C cement with 2% CaCl_2 (14.8 ppg, TT \approx 3:15). Displace cement with 3.5 bbls mud-laden fluid. (This plug will cover the 13-3/8" casing shoe and protect the fresh water zone.) Pull up 5 joints and reverse tbg clean. WOC. Tag and record top of plug. (Minimum TOC 567'.)
15. Pull tubing to 25' below surface. Spot 17 sacks Class C cement with 2% CaCl_2 (14.8 ppg, TT \approx 4:30) to surface.
16. Cut off CHF. Install permanent abandonment marker as required. Fill in hole and clean up location.

Reference phone call with Les Clements, NMOCC, Artesia, NM, (505) 748-1283 on November 23, 1982.

ANR:1bb