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DRILLING PROGRESS

COMPANY	WELL NO.	FARM	COUNTY	STATE
RALPH LOWE	2	MARKHAM-STATE	LRA	NEW MEXICO

- 11-13-57 Pulled packer & hydro-tested tubing-back in hole. Found 1 washed out collar. Set packer & started swabbing mud out of tubing. Swabbed well dry.
- 11-14-57 Attempted to acidize w/1000 gals reg acid. Pressure to 8700 lbs. Acid on formation 6 hrs. Unseated packer. Reversed out acid. Pulled packer. Went in to re-perforated. Could not get to bottom. Went in hole w/bit. Drilled & washed out 5' to bottom.
- 11-15-57 Ran packer & acidized w/500 gals mud acid. Well took acid @ 7400 lbs. Put away 2 bbls @ 6900 lbs. Pressure down to 400 lbs in 10 mins. Started swabbing.
- 11-16-57 Swabbed well 19 hrs. Recovered 270 bbls fluid. Swabbing 18 bbls per hr-- 99.9% water. Pulled packer. Set Baker Model "K" squeeze plug @ 12,009'. Squeezed w/100 sx inferno siset cement. Squeezed to 7000 lbs. Reversed out 60 sx cement. Pumped in 3 1/4 bbls per min @ 3800# before squeeze.
- 11-18-57 Drilled retainer & cement to 12,055'. Pulled tubing. Shot 1 shot w/Welox B Bear Gun @ 12,052'.
- 11-19-57 Ran packer & acidized w/500 gals mud acid. Formation took little fluid @ 3000 lbs. Gradually increased pressure to 6700 lbs w/formation taking small amount. Took 2 hrs 25 mins to build pressure from 300 lbs to 6700 lbs. Put away one bbl at 6700 lbs. Acid on formation 3 hrs & 10 mins. Pressure dropped from 6650 to 900 lbs in 14 mins. Started swabbing.
- 11-19-57 At 11 AM started swabbing 20 hrs. Recovered 220 bbls salt water. Fluid level @ 3600' no gas at all.
- 11-20-57 Pulled tubing. Took packer off. Went back in open end tubing. Spotted bottom plug 25 sx on bottom. Pulled up to 9900. Top plug 15 sx. Plug down @ 5:30 PM.
- 11-21-57 Ran tubing w/bit to check for plug. Found top of plug @ 9830'. Came out of hole--waiting on cement.
- 11-22-57 Perforated w/Welox 4 shots per foot 9595-9613'. Went in with packer. Spotted 500 gals mud acid. Set packer. Started treatment. Squeezed formation to 4000 PSI. Shut down to let soak. Squeezed up to 5000 PSI. Let set 5 mins. Bleed back to 4800 lbs. Started up. Started taking acid @ 5800 PSI, to 5600 lbs PSI. 5/10 bbls per min @ 5800 lbs. Speeded up pump. Got 5 bbls in formation @ 8/10 bbls per min. Packer gave way. Reset packer and started treatment over. PSI up to 6200 lbs. Got acid in formation. Packer leaking. Started swabbing got back 25 bbls. Swab unit broke down. Started swabbing @ 11 AM. Fluid level @ 6200'. Rec 35 bbls.
- 11-23-57 Recovered 45 bbls fluid. Well swabbed dry. Pulled packer & ran new pkr.
- 11-24-57 Attempted to acidize w/2000 gals 15% non-emulsion acid. Tubing appeared to leak. Pulled packer & hydro-tested tubing back in hole. Set packer & attempted to acidize w/2000 gals 15% non-emulsion acid. Packer set @ 9580'. Had circulation behind packer through perf @ 9570' & 9595'.
- 11-25-57 Pulled packer & set Baker D.M. Model "K" squeeze plug @ 9530' top & 9582' bottom. Squeezed w/50 sx siset inferno cement. Squeezed to 7400 lbs. Reversed out 20 sx cement.