

DRILLING LOG

DATE	WELL NO.	NAME	COUNTY	STATE
11-1-57	2	MARSHALL-STATE	LEA	NEW MEXICO
11-1-57 From R.S. WOODS OFFICE OCC				
11-1-57		1 7/8" casing at 1000' - 10' 10" ex reg. Circulated.		
11-1-57		6 5/8" casing at 4000' cemented w/1000 ex 61 & 100 on reg. cement. Circulated.		
11-1-57		Ran 61 12,054' to 12,057' tool open 65 min. Cement blow 12 min. began to dia. Seal in 30 min. began to surge. Recovered 110' fluid--74 oil & 25' drig mud oil & gas cut. Hyd in 10000, hyd out 10000, 17 min. 20 min build up pressure 4450.		
11-1-57		Ran 300' 74" casing out at 12,052'. Cement liners at 12,048', 12,050' & 12,052' cemented w/100 on 61 gal & 1 lb Silicate & 100 on next infuse almost cement.		
11-2-57		Ran temperature survey. Top cement 9500'. Perf w/3-1/4" holes @ 12,050' cemented w/100 on 61 & 1 lb Silicate & 100 next infuse almost cement. Ran temperature survey. Top cement 4505'.		
11-2-57		Drilled cement out 12,050'. Ran 100' & perforated from 12,048' to 12,052' w/Walco log. 6-1/4" holes for 100' (set)		
11-2-57		Acidized w/500 gals mud acid. Built pressure gradually to 4500 lbs. Treated @ 3700 lbs @ 1 1/2 bbls per min. 400 lbs 5 min shut in. Scrubbed 7 hrs. Recovered 110 bbls fluid--74 bbls above level. Scrubbing average 20 bbls water per hr. Drilled packer. Set Baker Model "H" squeeze plug at 12,020'.		
11-3-57		Squeezed w/100 on infuse almost cement. Squeezed to 6000 lbs. Recovered out 35 ex cement.		
11-4-57		Drilled retainer & cement to 12,020'. Perforated @ 12,011' & 12,020' infuse new 6 holes about 1" dia.		
11-7-57		Spotted 500 gals Western mud acid. Built up pressure to 4000 lbs. 2 bbls acid. Scrubbed 6 hrs. Recovered 110 bbls fluid--49 bbls above level. Averaged 16 bbls water per hr after lead recovered.		
11-7-57		Set Baker Model "H" squeeze plug @ 12,012'. Squeezed w/100 on infuse almost cement. Squeezed to 7200 lbs. Recovered out 70 ex cement.		
11-7-57		Drilled retainer & cement to 12,025'.		
11-10-57		Re-logged bottom part of hole. Surf @ 12,044' by Western log & 12,044' by Walco log.		
11-11-57		Spotted 500 gals Western mud acid. Built pressure up gradually to 7200 lbs over a 4 hr period. Set away 1 1/2 bbls of acid.		
11-12-57		Scrubbed well. Ran 44 1/2 bbls mud--49 bbls well dry. Getting a little gas each run. Last run got about one gallon of muddy cement. Acidized w/500 gals. Set away 10 bbls @ 7000 lbs. Started scrubbing. Scrubbed 20 bbls. Packer gave up. Stopped scrubbing flush & acid back. Drilled packer. Ran O'Brien packer back. Set packer. Could not pressure up on packer. Circulated.		