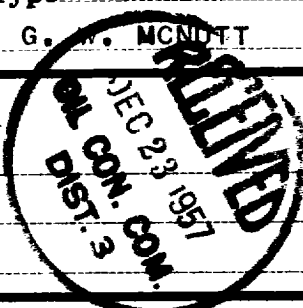


B. & R.
SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY.....		EL PASO NATURAL GAS COMPANY.....	
WELL MANNING A-1.....		FIELD.....	
COUNTY.....RIO ARriba.....		STATE.....NEW MEXICO.....	
SEC.....20.....		TWP.....30N.....	
RGE.....6W.....			
APPROX. TOP CEMENT.....		3328'	
Survey Begins at 3000.....		Ft. Ends at 5396.....	
Approx. Fill-Up 58%.....		Max. Temp. 182° @ 5396.....	
Log Measured From R. T.		Run No. 1.....	
Casing Size 5½ from 0.....		Diam of Hole 6¾ from.....	
to 5610.....		to 5610.....	
from.....		from.....	
to.....		to.....	
Date of Cementing.....		DECEMBER 12, 1957.....	
Time.....		2:15 P.M.....	
Date of Survey.....		DECEMBER 13, 1957.....	
Time.....		2:15 A.M.....	
Amount of Cement.....		300 SACKS.....	
Type.....		50/50 POZMIX.....	
Amount of Admix.....		Type.....	
Recorded by.....		M. CAPPS.....	
Witnessed by.....		G. MCNDOTT.....	

REMARKS OR OTHER DATA



TEMPERATURE IN DEGREES FAHRENHEIT

