



TEMPERATURE SURVEY

LOCATION

COMPANY EL PASO NATURAL GAS

COMPANY

FILE

WELL HARGRAVE #3

FIELD

COUNTY SAN JUAN

STATE N. MEX.

SEC. 16 TWP 27 N RGE 10 W

SURVEY

COMPANY EL PASO NATURAL GAS
WELL HARGRAVE #3
COUNTY SAN JUAN
STATE N. MEX.

Type of Survey TEMPERATURE (MECHANICAL)

Log Measured From R. T. Elevation

Drilling Measured From Elevation

Permanent Datum Elevation

Date of Cementing DECEMBER 5, 1951

Time 12:45 A.M.

Date of Survey DECEMBER 5, 1951

Time 10:00 A.M.

Amount of Cement 100 SACKS

Type REG.

Amount of Admix

Type

Casing Size

Casing Depth

Diam of Hole

Depth

5 1/2" from 0' to 1,871' 7 7/8" from to 1,871'

from to from to

Survey Begins at 500' Ft. Ends at 1,815' Ft.

Approx. Fill-Up OVER 100% Max. Temp. 81 DEG. @ 1,815' Ft.

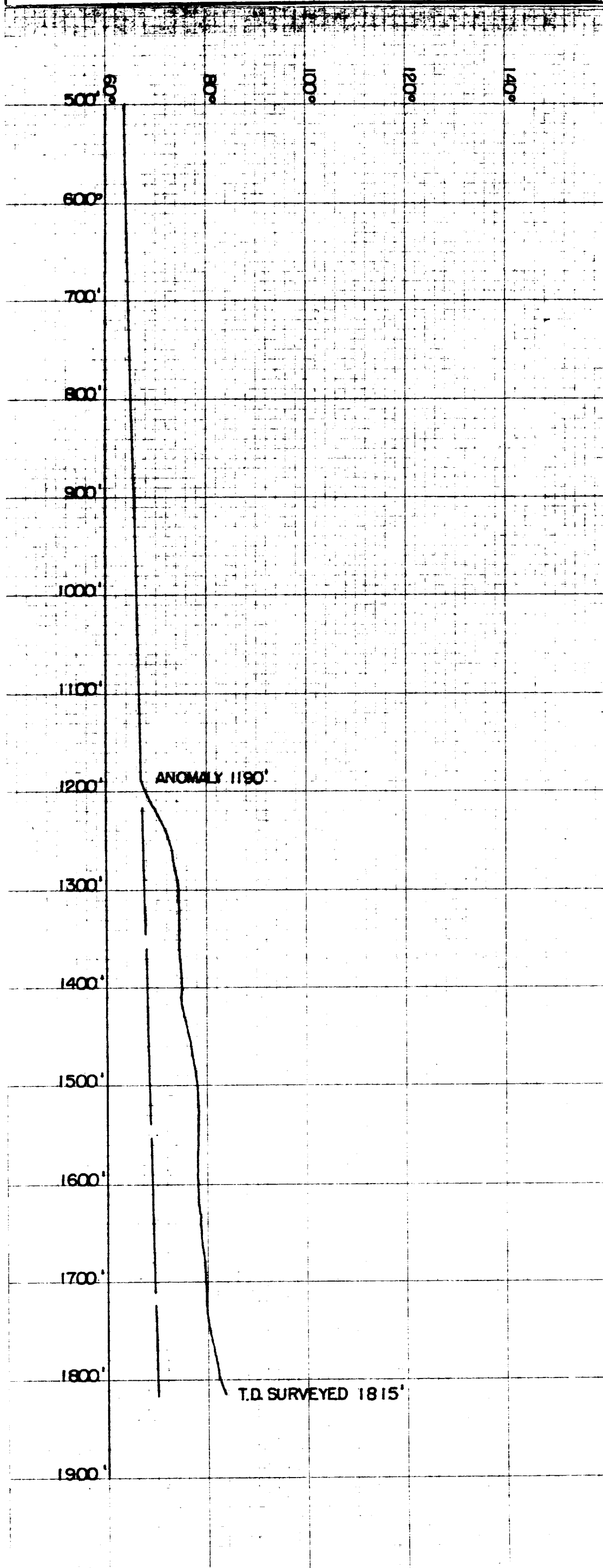
Run No. 1 Approx. Top Cement 1,190' Ft.

Recorded by ROSELL Witnessed by W. A. HOPKINS

REMARKS OR OTHER DATA

Approx. Fill-Up Based on Average of 1.1 cu. ft. per sack of set cement

TEMPERATURE IN DEGREES FAHRENHEIT



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