

B. & R. SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY
 WELL # 13 C FIELD BOLACK
 COUNTY SAN JUAN STATE NEW MEXICO
 SEC. 29 TWP. 27N RGE. 8W

APPROX. TOP CEMENT 2310'

Survey Begins at 2000' Ft. Ends at 4353' Ft.
 Approx. Fill-Up OVER 100% Max. Temp. 117° @ 4353'
 Log Measured From R.T. Run No. 1

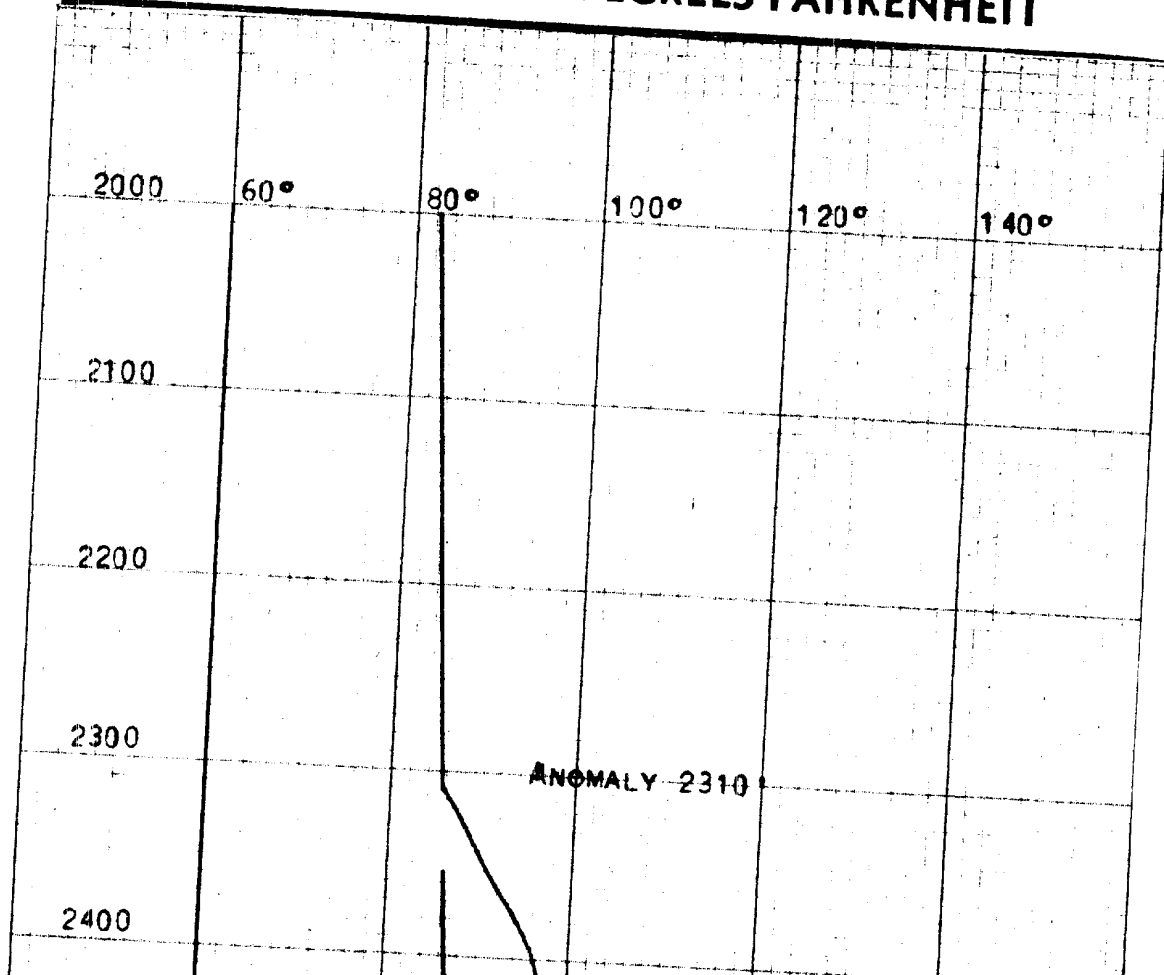
Casing Size 7 7/8" from 0 Casing Depth to 4428' Diam of Hole 9 7/8" from 0 Depth to 4428'
 from to from to

Date of Cementing APRIL 12, 1958 Time 4:50 P.M.
 Date of Survey APRIL 13, 1958 Time 5:00 A.M.
 Amount of Cement 330 SACKS Type REGULAR
 Amount of Admix 14 SACKS Type GILSONITE
 Recorded by J. CAPPS Witnessed by SCOTT J. ROSS

REMARKS OR OTHER DATA

RECEIVED
APR 16 1958
 OIL CON. COM.
 DIST. 3

TEMPERATURE IN DEGREES FAHRENHEIT



B. & R.
SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY

WELL BOLACK # 13-C FIELD

COUNTY SAN JUAN STATE NEW MEXICO

SEC. 29 TWP. 27 RGE. 8

APPROX. TOP CEMENT

Survey Begins at 2000 Ft. Ends at 4700 Ft.

Approx. Fill-Up Max. Temp.

Log Measured From T.G. Run No.

Casing Size	Casing Depth	Diam of Hole	Depth
from	to	from	to
from	to	from	to

Date of Cementing Time

Date of Survey MAY 27, 1958 Time 5:00 P.M.

Amount of Cement Type

Amount of Admix Type

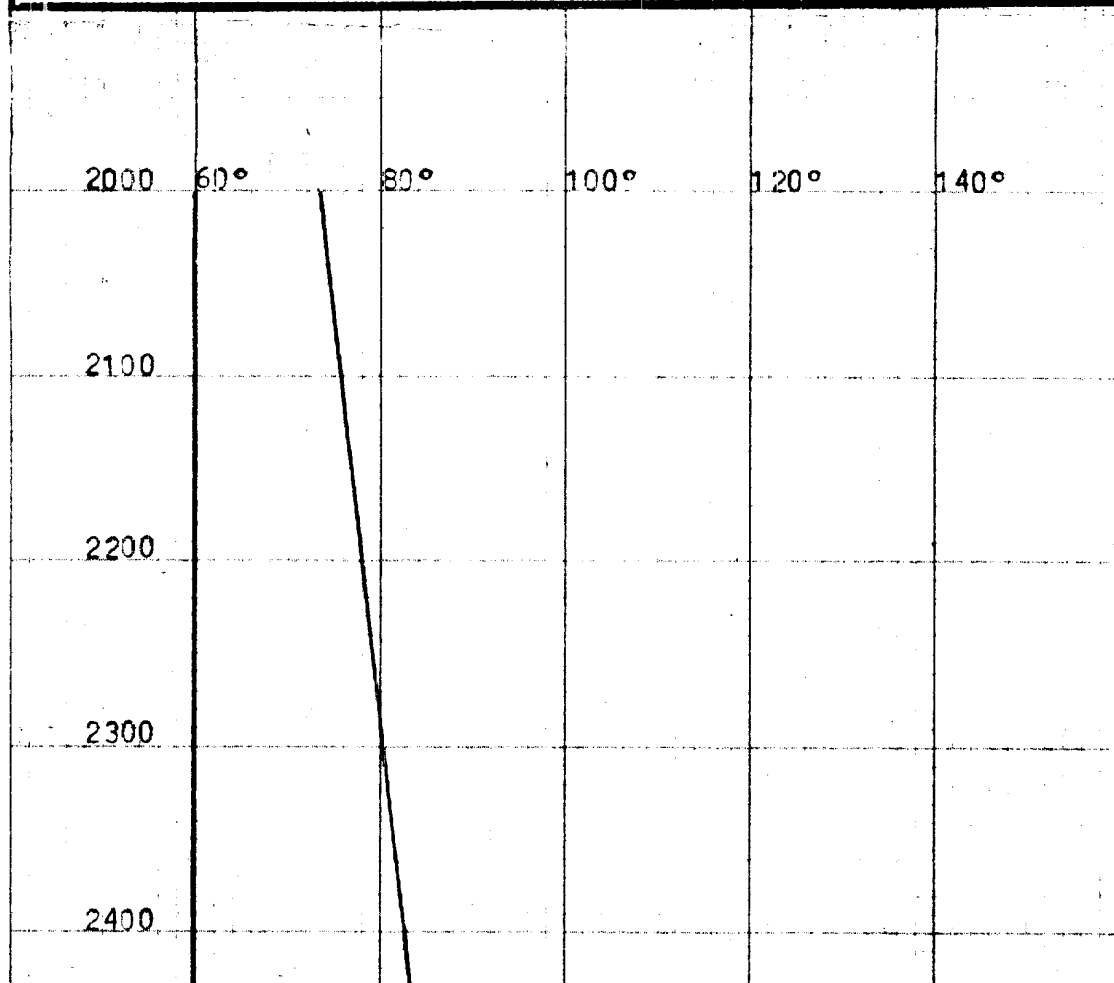
Recorded by L.R. ELKIN Witnessed by ED OBERLY

REMARKS OR OTHER DATA

RAN SURVEY INSIDE 2" TUBING TO DETERMINE TUBING

LEAK. LEAK LOCATED @ 4090'.

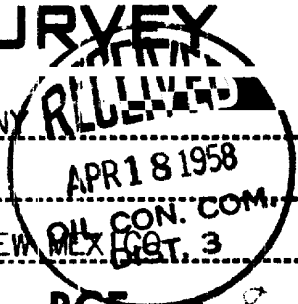
TEMPERATURE IN DEGREES FAHRENHEIT



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COMPANY EL PASO NATURAL GAS COMPANY
WELL BOLACK # 13-C FIELD
COUNTY SAN JUAN STATE NEW MEXICO
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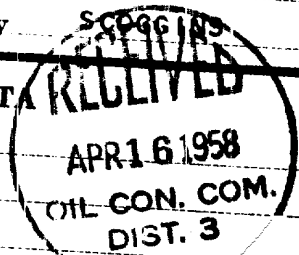
APPROX. TOP CEMENT 2310'

Survey Begins at 2000' Ft. Ends at 4353' Ft.
Approx. Fill-Up OVER 100% Max. Temp. 117° @ 4353'
Log Measured From R.T. Run No. 1

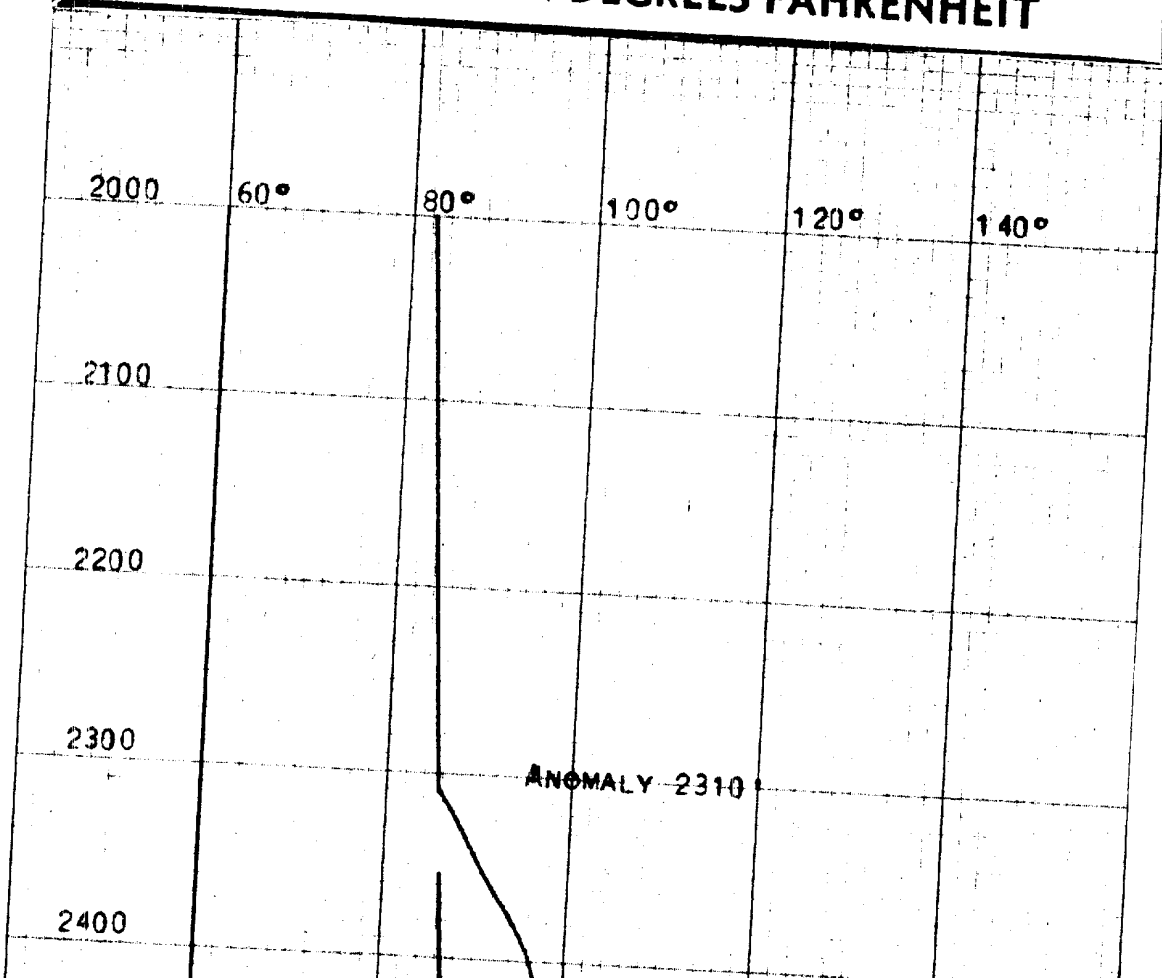
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from to from to

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Date of Survey APRIL 13, 1958 Time 5:00 A.M.
Amount of Cement 330 SACKS Type REGULAR
Amount of Admix 14 SACKS Type GILSONITE
Recorded by J. CAPPS Witnessed by SCOTT

REMARKS OR OTHER DATA



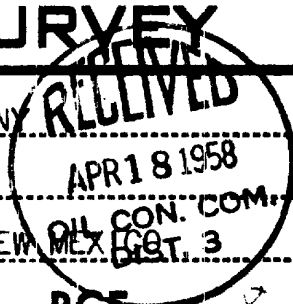
TEMPERATURE IN DEGREES FAHRENHEIT



B. & R. SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY
WELL BOLACK # 13-C FIELD
COUNTY SAN JUAN STATE NEW MEX
SEC. 29 TWP. 27 RGE. 3



APPROX. TOP CEMENT 1925'

Survey Begins at 1500 Ft. Ends at 2292 Ft.
Approx. Fill-Up 75% Max. Temp. 108° @ 2040'
Log Measured From ROTARY TABLE Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
<u>7 5/8"</u> from <u> </u> to <u> </u>		<u>9 5/8"</u> from <u> </u> to <u> </u>	
<u> </u> from <u> </u> to <u> </u>		<u> </u> from <u> </u> to <u> </u>	

Date of Cementing	<u>APRIL 15, 1958</u>	Time <u>3:30 A.M.</u>
Date of Survey	<u>APRIL 15, 1958</u>	Time <u>3:30 P.M.</u>
Amount of Cement	<u>100 SACKS</u>	Type <u>NEAT</u>
Amount of Admix		Type <u> </u>
Recorded by <u>JIMMY CAPPS</u>	Witnessed by <u>R. STEGMAN</u>	

REMARKS OR OTHER DATA

SQUEEZE JOB, PACKER SET AT 2185'. PERF. @ 2310'

TEMPERATURE IN DEGREES FAHRENHEIT

