

Southland Royalty Company

February 20, 1985

New Mexico Oil Conservation Commission
Drawer DD
Artesia, New Mexico 88210

Attention: Mr. Mike Williams

Re: Plug and Abandonment
Shugart "D" #9 (WIW)
Shugart (Y-SR-Q-GB) Field
Eddy County, New Mexico

Dear Mr. Williams:

As per our conversation on February 19, 1985, regarding the behind pipe cement placement in the subject well, I have attached a schematic of the well and temperature surveys showing the top and bottom of cement. I hope this information will help answer your questions, if not please call me.

Yours very truly,

A handwritten signature in cursive script, appearing to read "John R. Stark".

J. R. Stark
Operations Engineer

JRS/MCS/lap



BENNETT-CATHEY WIRE LINE SERVICE

P.O. BOX 787
ARTESIA, NEW MEXICO 88210
Phone 746-3281



TEMPERATURE SURVEY

OF INLAND ROYALTY

LEAD

WELL NO. 4

POOL FORMATION

DATE & TIME CEMENT JOB COMPLETED 11-12-81

DATE & TIME SURVEY MADE 11-13-81 0600 HOURS

SURVEY RUN BY BO FAULKENBERRY

DATUM

WELL DATA CEMENT BOTTOM: 800 FEET

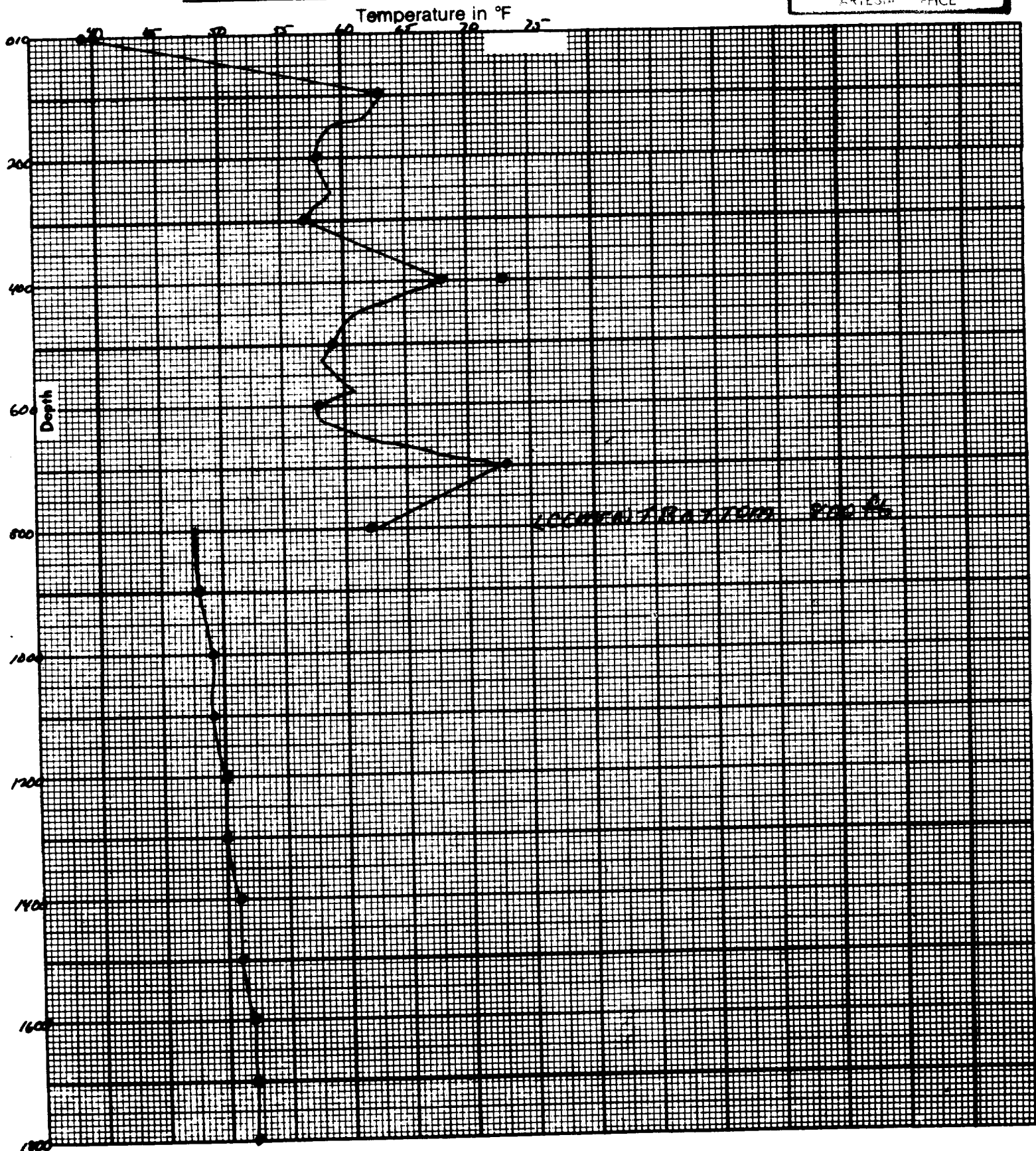
TOTAL DEPTH: 3,112 FEET

RECEIVED BY

FEB 22 1985

O. C. D.

ARTESIA OFFICE





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TEMPERATURE SURVEY

OPERATOR SOUTHLAND ROYALTY

LEASE SUGART 'D'

WELL NO. 9

POOL FORMATION

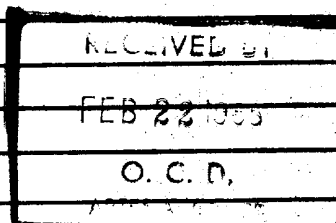
DATE & TIME CEMENT JOB COMPLETED 11-11-81 1100 HOURS

DATE & TIME SURVEY MADE 11-12-81 0100 HOURS After Circulation

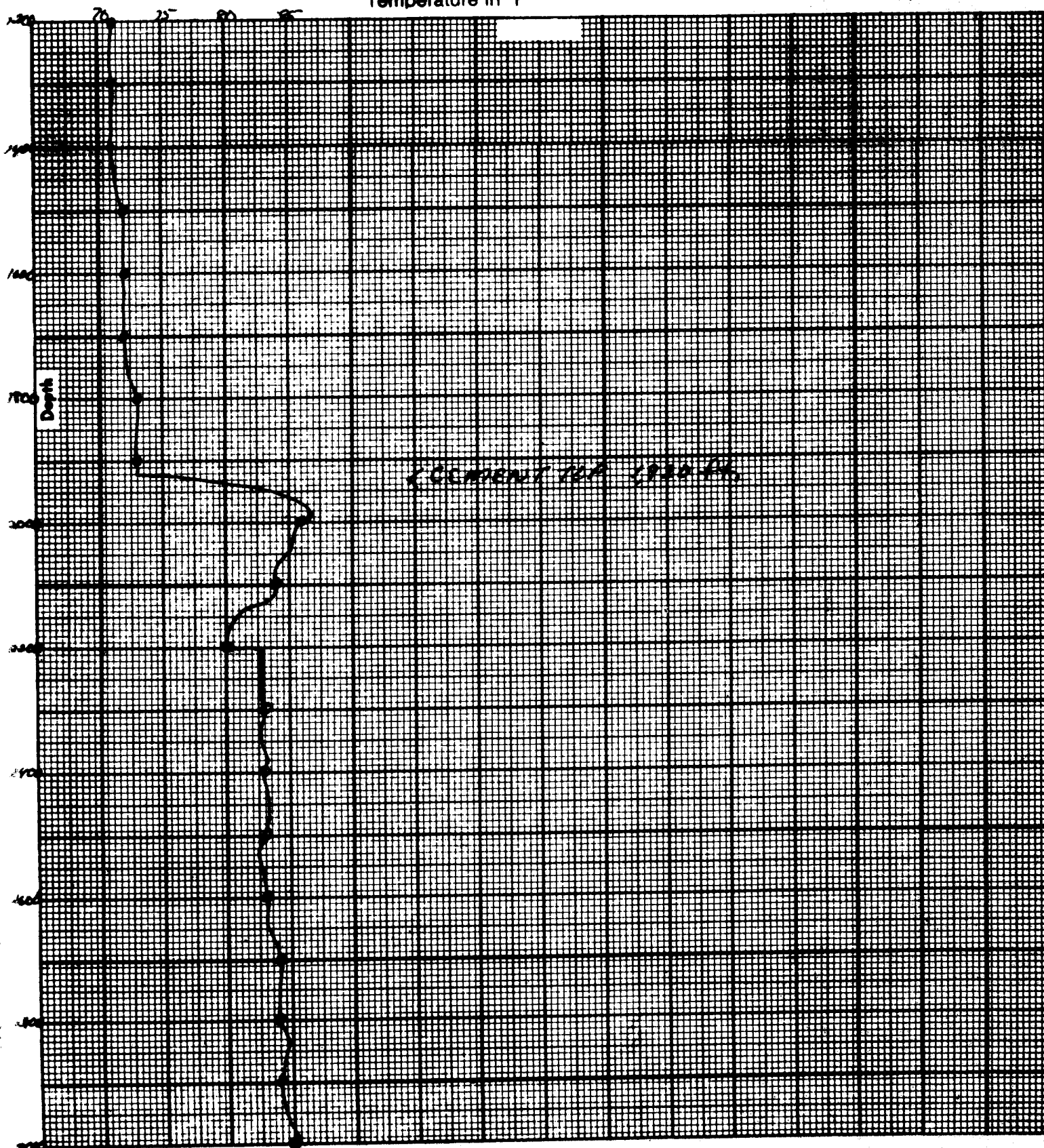
SURVEY RUN BY B. J. CATHEY Attempt

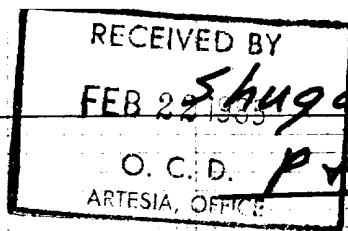
DATUM

WELL DATA CEMENT TOP: 1920 FEET
TOTAL DEPTH: 3104 FEET



Temperature in °F

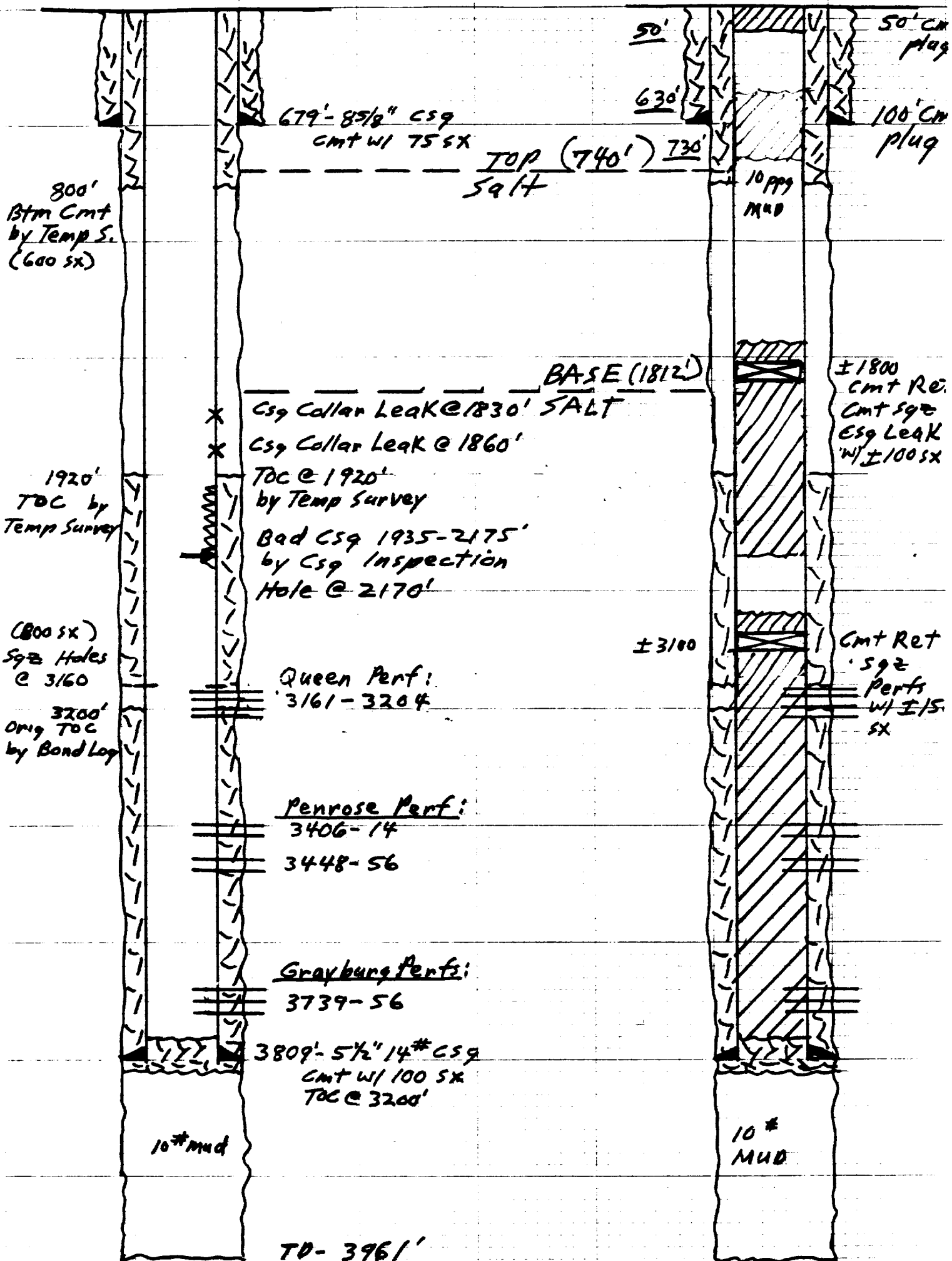




11/20/84
JRS

Before

After



(11/81) Step Bradenhead Flow:

Ran Bond Log from 3722 to surface. TOC @ 3200'. Set CIBPG 3357'.
Tst CSG to 1000# - OK. set cmt Ret @ 3100'. Sgzd w/ 600 SX CI "C"
Ltr w/ cmt w/ 18 # salt/SX + 200 SX CI "C" w/ 2% CC. Did Not CIRC.
Pmp Add'l 600 SX CI "C" w/ 12 # salt/SX down 5 1/2" x 8 5/8" annulus. Drilled out
cmt + Ret. Test CSG + Sgzd to 1000# - OK. Drilled out CIBP. Ran Temperature Survey.