

GRAND RESOURCES, NAVAJO #5, SEC. 10-T32N-R17W
SAN JUAN CO., N.M.

#24

10-21-91

WITNESSED BY KENNETH LUNGO, U.I.C. INSPECTOR, THE CADMUS GROUP, INC.
been obtained at the maximum test injection pressure
utilized, the test results may indicate that the formation
had been accepting fluids without having been fractured.

This SRIT outline is consistent with acceptable oilfield practices. It should identify an allowable injection pressure which will provide adequate protection of the underground sources of drinking water at an injection well having demonstrated mechanical integrity. The allowable injection pressure will be determined after an EPA review of the SRIT results. (Tabular & Graphic).

Table I - SUGGESTED STEP-RATE INJECTIVITY TEST DATA

Inj. Rate <u>BPM</u>	Elapsed Time <u>min.</u>	Inj. Pres. <u>psig</u>	Inj. Rate <u>BPM</u>	Elapsed Time <u>min.</u>	Inj. Pres. <u>psig</u>
1. 1/2 20 GPM	0 5 10 15 20 25 30	0 90 200 200 225 250 250	2. 3/4 40 GPM	0 5 10 15 20 25 30	425 500 550 580 600 610 630
3. 1/2 50 GPM	0 5 10 15 20 25 30	700 740 760 800 810 825 840	4. 1/2 60 GPM	0 5 10 15 20 25 30	925 940 950 950 975 1000 1000
5. 2/2 70 GPM	0 5 10 15 20 25 30	1050 1070 1080 1100 1100 1100 1125	6. 3/2 80 GPM	0 5 10 15 20 25 30	1175 1200 1240 1240 1250 1250 1250
7. 5.0	0 5 10 15 20 25 30	_____ _____ _____ _____ _____ _____ _____	8. 8.0	0 5 10 15 20 25 30	_____ _____ _____ _____ _____ _____ _____

INJECTION LINE RUPTURED.

ISIP = _____ psig

RECEIVED
JAN 24 1992
OIL CO.

FCD: April 30, 1990: C\DATA\WP42\GUS\SRTGUID.GS

WELL WAS SHUT-IN F/48 HRS.
INJECTION RATE @ 375 BPM = 800 PSI
BEFORE SHUT-IN.

2

TOTAL DEPTH = 1873'
PERF'S @ 1664'-78'
4 1/2" CASING @ 1764'
2 3/4" TUBING @ 1550'

MERIDIAN OIL CO.
ENGINEERING CALCULATION

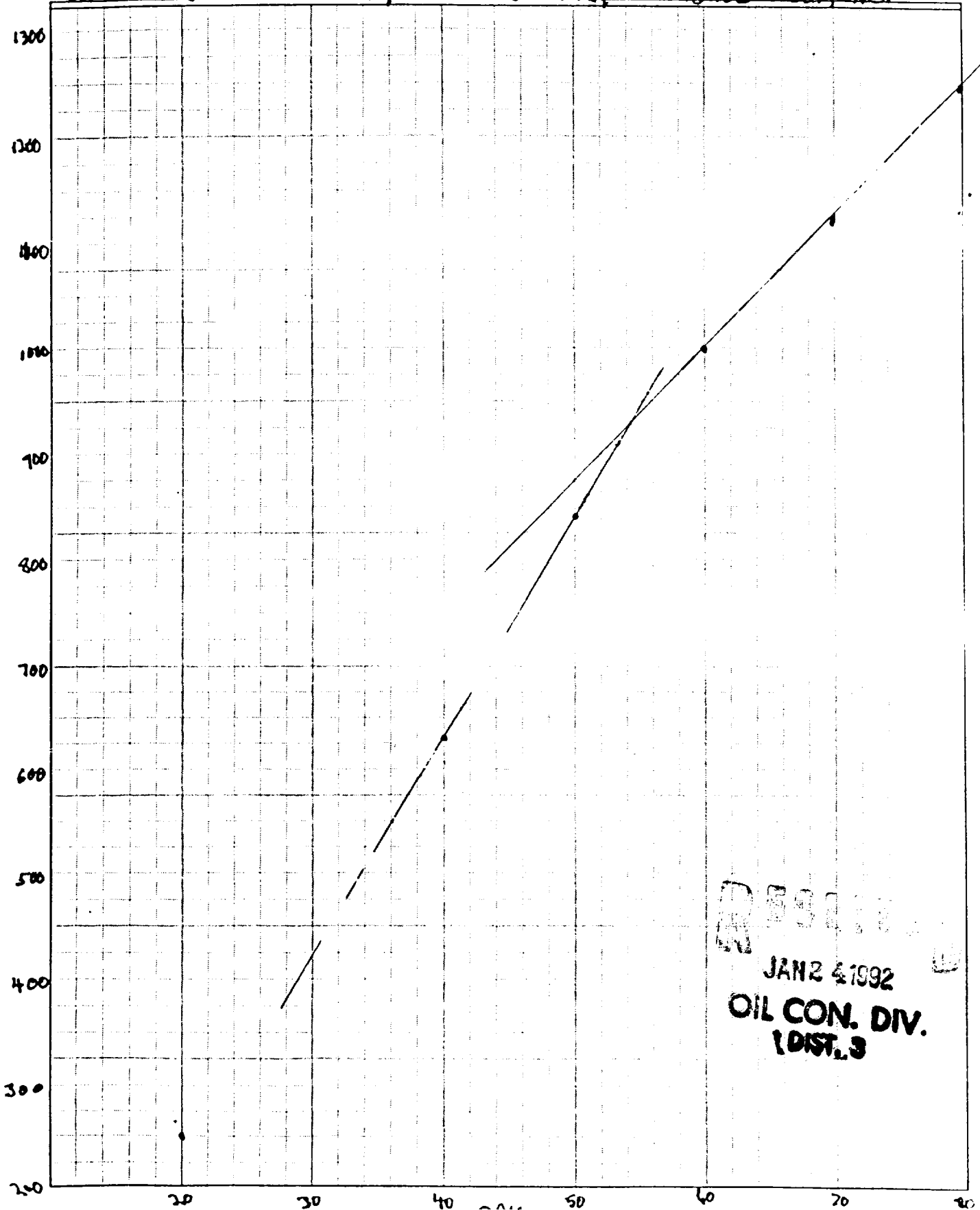
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COMPILED BY KENNETH LINGG, U.I.C. INSPECTOR, THE CADMUS GROUP, INC.

PSI



RESERVED
JAN 24 1992
OIL CON. DIV.
DIST. 3