

JAN 15 1992

ORLANDO RESOURCES, INC. / NAVAJO TRIBAL C-5
SEC. 14- T32N-R18W, SAN JUAN CO., N.M.

10-21-91

#5

WITNESSED BY KENNETH LINGO, U.T.C. INSPECTOR, THE CADILLAC 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>	Inj. Rate <u>BPM</u>	Elapsed Time <u>min.</u>	Inj. Pres. <u>psig</u>
1. 1/2 5 GPM	0 5 10 15 20 25 30	<u>350</u> <u>400</u> <u>410</u> <u>410</u> <u>425</u> <u>440</u> <u>440</u>	2. 3/4 10 GPM	0 5 10 15 20 25 30	<u>475</u> <u>500</u> <u>525</u> <u>540</u> <u>550</u> <u>575</u> <u>580</u>	9. 50 50 GPM	0 5 10 15 20 25 30	<u>12</u> <u>12</u> <u>12</u> <u>12</u> <u>12</u> <u>12</u> <u>12</u>
3. 1/2 15 GPM	0 5 10 15 20 25 30	<u>600</u> <u>625</u> <u>640</u> <u>650</u> <u>650</u> <u>675</u> <u>675</u>	4. 1/2 20 GPM	0 5 10 15 20 25 30	<u>710</u> <u>725</u> <u>750</u> <u>760</u> <u>775</u> <u>790</u> <u>800</u>			
5. 2/2 25 GPM	0 5 10 15 20 25 30	<u>810</u> <u>850</u> <u>870</u> <u>875</u> <u>875</u> <u>890</u> <u>900</u>	6. 3/2 30 GPM	0 5 10 15 20 25 30	<u>925</u> <u>950</u> <u>950</u> <u>960</u> <u>975</u> <u>1000</u> <u>1000</u>			
7. 5/2 35 GPM	0 5 10 15 20 25 30	<u>1050</u> <u>1060</u> <u>1060</u> <u>1060</u> <u>1060</u> <u>1060</u> <u>1060</u>	8. 8/2 40 GPM	0 5 10 15 20 25 30	<u>1060</u> <u>1080</u> <u>1100</u> <u>1100</u> <u>1100</u> <u>1120</u> <u>1125</u>			

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OIL CON. DIV.
DIST.

ISIP = 1150 psig, 5min = 875, 10 min = 790, 15 min = 725 PSI.

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

WELL WAS SHUT-IN F/48 HRS.

WAS INJECTING @ 249 BPM = 840 PSI
BEFORE SHUT-IN.

2

TOTAL DEPTH = 1762'
PERF'S @ 1642' - 55'
4 1/2" CASING @ 1749'
2 3/8" TUBING @ 1550'

MERIDIAN OIL CO.
ENGINEERING CALCULATION

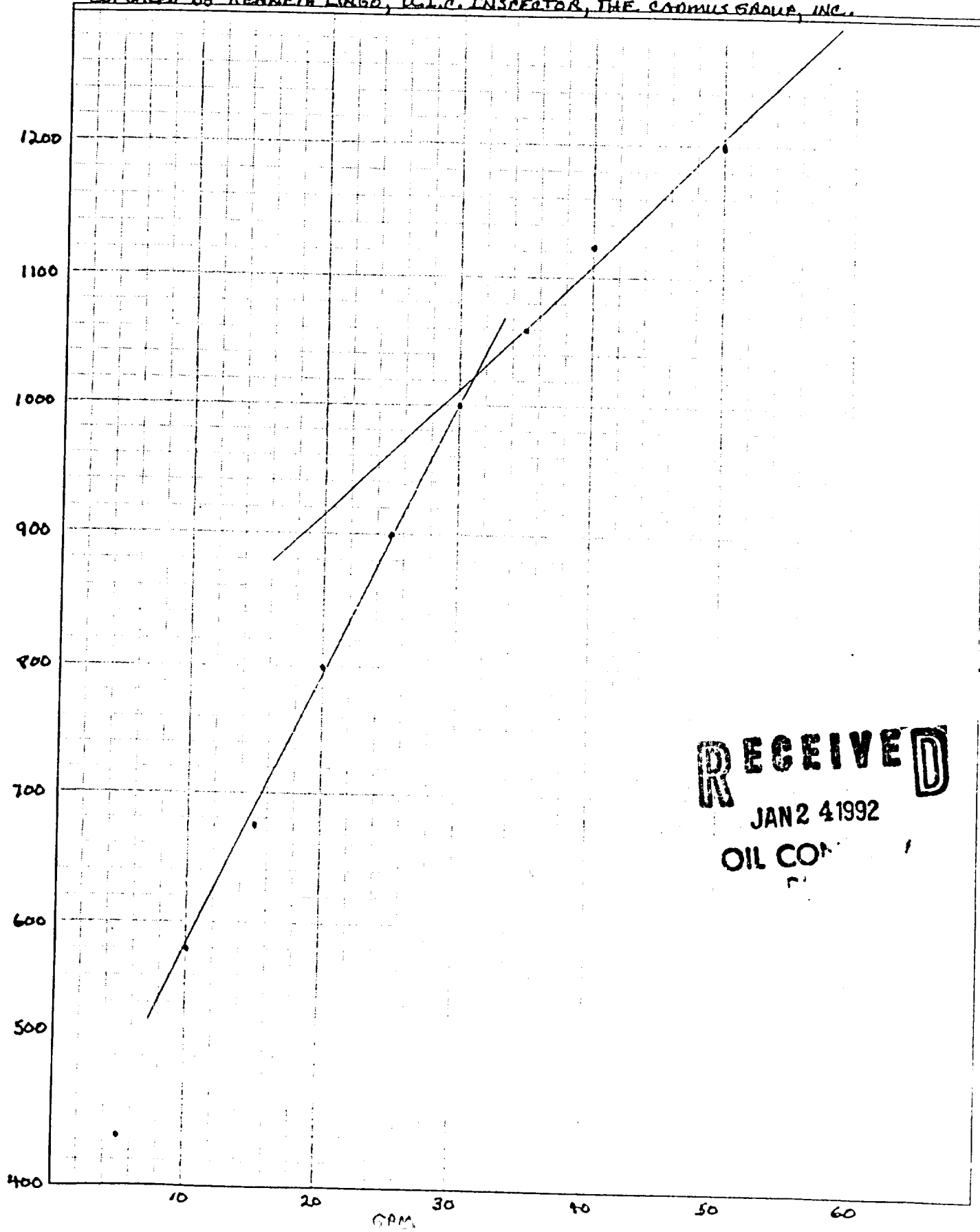
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By _____
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GRAND RESOURCES, NATAJO TRIBAL C-5, SEC. 14, T32N, R
SAN JUAN CO., N.M.

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

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