GRAND RESOURCES, NIVAD #3, SEC. 10-T32N-R19W
SAN JUAN CO., N.M.

10-21-91

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

ISIP = _____ psig

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DIST. 3

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

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

2

TOTAL DEPTH = 1873'
PERF'S @ 1664'-78'
4½" CASING @ 1764'
2⅜" TUBING @ 1550'

san juan repro Form 71-14

~~MERIDIAN OIL CO.~~

ENGINEERING CALCULATION

Sheet: ____ of ____
Date: ____
By: ____
File: ____

GRAND RESOURCES, NAVAJO #5, SEC. 10-T32N-R17W 10-21-91
SAN JUAN CO, N.M.

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