

674

30-045-21667

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit F Sec. 12 Twp. 30 Rng. 9Name of Well/Wells or Pipeline Serviced JOHNSTON FEDERAL #1-ACPS# 2312Elevation _____ Completion Date 10-28-91 Total Depth 251' Land Type FCasing Strings, Sizes, Types & Depths 90" 8" PVC SURFACECASINGIf Casing Strings are cemented, show amounts & types used Yes with20 SACKS NEAT CEMENT

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NODepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 90' FreshDepths gas encountered: NOGround bed depth with type & amount of coke breeze used: 251' DEEPwith 3200 lbs Asbury 4518 Flo CokeDepths anodes placed: 238, 231, 225, 218, 211, 204, 195, 159, 150, 125, 116, 107Depths vent pipes placed: 238'Vent pipe perforations: bottom 150'

Remarks: _____

RECEIVED

FEB 24 1992

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CPS GROUND BED CONSTRUCTION WORKSHEET

[illegible]

DISTRIBUTION - original - permanent CPB FILE

copy

- Division Corrosion Supervisor

copy

- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-911108-1R

Company MERIDIAN		Sample No.		Date Sampled 10-28-91	
Field 2312W		Legal Description F 12-31-9		County or Parish ST	
Lease or Unit		Well JOHNSTON FED #1-A		Depth 90'	
Type of Water (Produced, Supply, etc.)		Sampling Point Ground Bed		Water, B/D	
				Sampled By MRUJ	



TECH, Inc.
333 East Main
Farmington
New Mexico
87401

505/327-3311

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>624</u>	<u>27.1</u>
Calcium, Ca	<u>84</u>	<u>4.2</u>
Magnesium, Mg	<u>16</u>	<u>1.3</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.79</u>
Specific Gravity, 60/60 F.	<u>1.0029</u>
Resistivity (ohm-meters) <u>65</u> F.	<u>4.4</u>

Total Dissolved Solids (calc.)

2,300

ANIONS

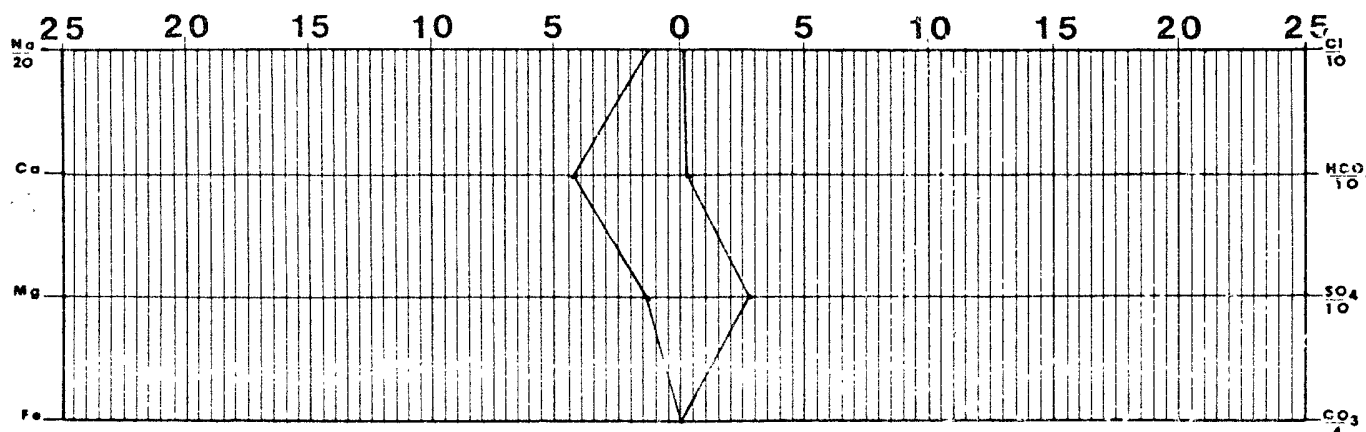
Chloride, Cl	<u>50</u>	<u>1.4</u>
Sulfate, SO_4	<u>1,360</u>	<u>28.4</u>
Carbonate, CO_3	<u>-</u>	<u>-</u>
Bicarbonate, HCO_3	<u>173</u>	<u>2.83</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ATTN: DONOHUE



Date Received 8th Nov, 1991.	Preserved	Date Analyzed 3rd Jan, 1992.	Analyzed By R. ft.
--	-----------	--	------------------------------