

633

#69

30-045-11409

E

2257W

285

30-045-28130

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN Location: Unit m Sec. 13 Twp 32 Rng 10Name of Well/Wells or Pipeline Serviced SAN JUAN 32-9 #285 & #69Elevation 6826 Completion Date 7-18-91 Total Depth 363 Land Type FCasing Strings, Sizes, Types & Depths 8" PVC 100'If Casing Strings are cemented, show amounts & types used 20 SACKSCEMENT

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

NADepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Fresh 130'

RECEIVED

FEB 24 1992

Depths gas encountered: NO OIL CON. DIV. J

DIST. 3

Ground bed depth with type & amount of coke breeze used: GB 363' DEEP51 SACKS Asbury 4518 F10 COKEDepths anodes placed: 330, 276, 267, 258, 249, 240, 228, 219, 210, 165, 155, 145Depths vent pipes placed: 363'Vent pipe perforations: 100' TO BOTTOM

Remarks: _____

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

CPS# 2257	P/L NAME(s), NUMBER(s) SAN JUAN 32-9 #285, #69											
* 2188	TOTAL	VOLTS 11.06	AMPS 15.4	- OHMS .72	DATE 7-18-91	NAME MRW						
REMARKS (notes for construction log)												
Set 100' 8" PVC SURFACE PILING. WATER AT 130'												
Drilled 365' LOGGED 363'												
DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.5		490			685			
105			300	.4		495			690			
110			305	.4		500			695			
115			310	.5		505			700			
120			315	.6		510			ANODE	DEPTH	NO.	FULLY
125			320	.7		515			*	COKE	COKE	D
130	2.8		325	1.2		520			1	330	1.7	2.6
135	3.0		330	1.7	①	525			2	276	2.1	3.4
140	3.2		335	1.5		530	267		3	265	3.0	4.5
145	3.1		340	1.0		535	258		4	256	2.9	4.4
150	2.5		345	.7		540	249		5	247	2.8	4.2
155	2.8		350	.6		545	240		6	238	2.2	3.6
160	2.7		355	.7		550	228	2287X	7	228	1.8	3.2
165	2.7		360	.7		555	219	2198	8	219	2.6	3.8
170	1.3		365	363		560	210		9	210	2.8	3.9
175	.7		370			565			10	165	2.8	5.5
180	.6		375			570			11	155	2.8	5.7
185	.7		380			575			12	145	3.1	5.7
190	1.2		385			580			13			
195	1.2		390			585			14			
200	1.0		395			590			15			
205	1.1		400			595			16			
210	2.4		405			600			17			
215	2.9		410			605			18			
220	2.4		415			610			19			
225	1.7		420			615			20			
230	1.5		425			620			21			
235	1.5		430			625			22			
240	2.0		435			630			23			
245	2.7		440			635			24			
250	2.8		445			640			25			
255	2.8		450			645			26			
260	2.7		455			650			27			
265	2.9		460			655			28			
270	3.0		465			660			29			
275	2.2	2	470			665			30			
280	1.2		475			670						
285	.7		480			675						
290	.6		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

2257W

Laboratory No. 25910724-2K

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/18/91</u>	
Field		Legal Description <u>M13-32-10</u>		County or Parish <u>San Juan</u>	
Lease or Unit		Well <u>SJ 32-9 #285</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>GROUNDWATER</u>		Sampling Point		Sampled By <u>MRW</u>	
		Formation		Water, B/D	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3300</u>	<u>140</u>
Calcium, Ca	<u>8.0</u>	<u>0.4</u>
Magnesium, Mg	<u>12</u>	<u>1.0</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.9</u>
Specific Gravity, 60/60 F.	<u>1.0074</u>
Resistivity (ohm-meters) <u>72</u> F.	<u>1.5</u>

Total Dissolved Solids (calc.)

10,000

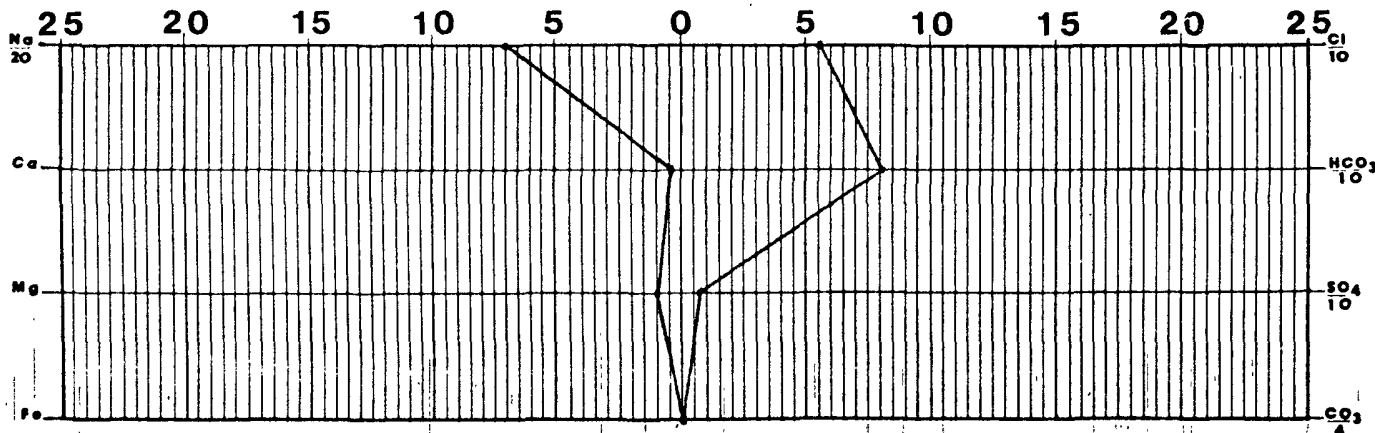
ANIONS

Chloride, Cl	<u>1900</u>	<u>55</u>
Sulfate, SO_4	<u>360</u>	<u>7.4</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>4900</u>	<u>81</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>07/24/91</u>	Preserved <u>No</u>	Date Analyzed <u>07/24/91</u>	Analyzed By <u>MRW</u>
----------------------------------	------------------------	----------------------------------	---------------------------



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311