

620

30-039-23950

E.
22426DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN Location: Unit C Sec. 1 Twp 29 Rng 7Name of Well/Wells or Pipeline Serviced S.J. 29-7 #85-AElevation 6832 Completion Date 8-8-91 Total Depth 482 Land Type FCasing Strings, Sizes, Types & Depths 100' 8" SURFACE PVCCASINGIf 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. 180' FRESHDepths gas encountered: NOGround bed depth with type & amount of coke breeze used: 483' DEEPwith 144 SACKS (50lb) Asbury 4518 F10 COKEDepths anodes placed: 465, 455, 445, 435, 425, 415, 405, 395, 385, 375, 335, 321Depths vent pipes placed: 483'Vent pipe perforations: bottom 300'

Remarks:

RECEIVED

FEB 24 1992

OIL CON. DIV.

DIST. 3

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

CPB#	P/L NAME(*), NUMBER(*)					
242-W	SAN JUAN 29-7 #85-A					
NO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
		11.93	19.0	63	8-8-91	MRW
REMARKS (notes for construction log)						
100' 8", 20 SACKS CEMENT						
H ₂ O 180', CAUGHT SAMPLE 144 SACKS 4518 Asbury						
* LOGGED thru A Full spool						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.1		490			685			
105			300	1.2		495			690			
110			305	1.2		500			695			
115			310	1.3		505			700			
120			315	1.4		510			ANODE	DEPTH	NO	FULLY
125			320	2.2		515			*		COKE	COKE D
130			325	2.1		520			1	465	3.1	5.5
135			330	1.9		525			2	455	3.6	5.8
140			335	2.3		530			3	445	3.1	5.2
145			340	1.7		535			4	435	2.9	4.9
150			345	1.6		540			5	425	2.8	4.8
155			350	1.7		545			6	415	2.9	5.0
160			355	1.9		550			7	405	3.3	5.4
165			360	1.0		555			8	395	3.2	5.2
170			365	1.6		560			9	385	2.6	4.5
175			370	1.7		565			10	375	2.7	4.5
180	1.0		375	2.0		570			11	365	2.7	4.9
185	1.9		380	2.3		575			12	355	2.6	4.9
190	1.9		385	2.1		580			13			
195	1.8		390	2.3		585			14			
200	2.3		395	2.4		590			15			
205	2.1		400	2.6		595			16			
210	1.6		405	2.8		600			17			
215	1.2		410	2.7		605			18			
220	1.0		415	2.4		610			19			
225	1.8		420	2.2		615			20			
230	1.7		425	2.3		620			21			
235	1.9		430	2.3		625			22			
240	1.0		435	2.3		630			23			
245	1.3		440	2.4		635			24			
250	1.3		445	2.3		640			25			
255	1.3		450	2.6		645			26			
260	1.5		455	2.9		650			27			
265	1.7		460	2.8		655			28			
270	1.7		465	2.4		660			29			
275	1.6		470	2.3		665			30			
280	1.3		475	2.2		670						
285	1.2		480	TD	482	675						
290	1.1		485			680						

DISTRIBUTION - original - permanent CPB FILE
 copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1L

Company <u>MERIDIAN OIL</u>		Sample No. <u>2242W</u>	Date Sampled <u>8-8-91</u>
Field	Legal Description <u>C1-29-7</u>	County or Parish <u>SAN JUAN</u>	State <u>N.M.</u>
Lease or Unit	Well <u>5J29-7 #85-A</u>	Depth	Formation <u>MU</u>
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 180</u>	Water, B/D <u>MRW</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>1900</u>	<u>82</u>
Calcium, Ca	<u>60</u>	<u>0.3</u>
Magnesium, Mg	<u>15</u>	<u>1.2</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>350</u>	<u>10</u>
Sulfate, SO_4	<u>860</u>	<u>18</u>
Carbonate, CO_3	<u>90</u>	<u>3.0</u>
Bicarbonate, HCO_3	<u>3100</u>	<u>52</u>

OTHER PROPERTIES

pH	<u>8.5</u>
Specific Gravity, 60/60 F.	<u>1.0037</u>
Resistivity (ohm-meters) <u>74° F.</u>	<u>1.30</u>

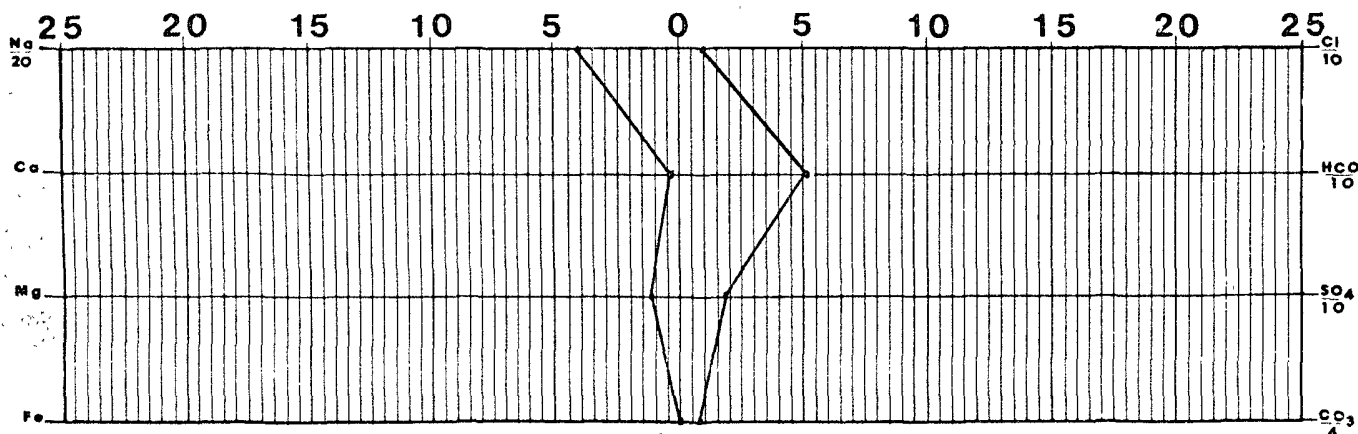
Total Dissolved Solids (calc.)

6,300

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



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

Date Received <u>08/16/91</u>	Preserved <u>NO</u>	Date Analyzed <u>08/16/91</u>	Analyzed By <u>EE</u>
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