

649

202-30-039-24542

26-30-039-07420

E

227540

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN Location: Unit L Sec. 18 Twp 28 Rng 4Name of Well/Wells or Pipeline Serviced SAN JUAN 28-4 #202, #26Elevation 7522 Completion Date 8-17-91 Total Depth 460 Land Type FCasing Strings, Sizes, Types & Depths 8" PVC 50' DEEPIf Casing Strings are cemented, show amounts & types used Yes 10 bagsNEAT 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. Fresh 55' damp + 150'Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 460' DEEP
with 52 (50lb) bags Asbury 4518 Flo Cone + 47 (100lb) bags Loreco Type SCDepths anodes placed: 442, 428, 417, 408, 399, 390, 380, 310, 295, 285, 276, 120Depths vent pipes placed: 460'Vent pipe perforations: bottom 420'

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

PS#	P/L NAME(*), NUMBER(*) <i>SAN JUAN 28-4 #202, #20</i>					
WO #	TOTAL	VOLTS	AMPS	OHMS	DATE	NAME
		<i>11.39</i>	<i>21.9</i>	<i>.52</i>	<i>8-17-91</i>	<i>MRW</i>
REMARKS (notes for construction log)						
<i>50' 8" PVC CASING 10 BAGS CEMENT</i>						
<i>H₂O 55 & 150', Drilled 460' LOGGED 460' Perforated bottom 420</i>						
<i>52 bags Asbury (50lb)</i>						
<i>47 bags Loresco (100lb)</i>						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	1.4		295	2.4		490			685			
105	1.3		300	2.3		495			690			
110	2.7		305	2.5		500			695			
115	2.9		310	1.9		505			700			
120	2.8		315	1.8		510			ANODE	DEPTH	NO	FULLY
125	2.5		320	2.0		515			*		COKE	COK'D
130	1.6		325	2.0		520			1	442	4.3	7.5
135	.9		330	1.8		525			2	428	4.0	7.7
140	.6		335	1.6		530			3	417	4.2	6.9
145	.4		340	1.3		535			4	408	4.2	7.7
150	1.3		345	.8		540			5	399	4.2	6.9
55	.9		350	.8		545			6	390	3.6	6.5
60	.5		355	1.1		550			7	380	2.7	5.9
165	.4		360	1.2		555			8	310	2.4	3.8
170	.5		365	1.2		560			9	295	2.4	4.4
175	1.0		370	1.2		565			10	285	2.3	4.2
180	1.5		375	1.2		570			11	276	2.7	4.7
185	1.4		380	2.2		575			12	120	2.8	5.9
190	1.2		385	2.1		580			13			
195	.6		390	2.5		585			14			
200	.4		395	2.6		590			15			
205	1.4		400	2.9		595			16			
210	.5		405	3.7		600			17			
215	.6		410	3.8		605			18			
220	1.1		415	4.3		610			19			
225	1.2		420	4.7		615			20			
230	.7		425	4.2		620			21			
235	.5		430	3.2		625			22			
240	.5		435	3.2		630			23			
245	.5		440	4.0		635			24			
250	.6		445	4.4		640			25			
255	1.0		450	4.1		645			26			
260	1.3		455	4.0		650			27			
265	1.0		460	TD	460	655			28			
270	1.0		465			660			29			
275	2.2		470			665			30			
280	2.7		475			670						
285	2.2		480			675						
290	2.		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No 25910830-1N

Company <u>MERIDIAN OIL</u>		Sample No. <u>2275W</u>		Date Sampled <u>8/17/91</u>	
Field		Legal Description <u>L18-28-4</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>5J28-4#202</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>150' GROUND BED</u>		Sampled By <u>MRB</u>	
		Formation <u>FC</u>		Water, B/D	
				State <u>N.M.</u>	



TECH, Inc
333 East Main
Farmington
New Mexico
87401

505/327-3311

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>6800</u>	<u>300</u>
Calcium, Ca	<u>4.0</u>	<u>0.2</u>
Magnesium, Mg	<u>16</u>	<u>1.3</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.8</u>
Specific Gravity, 60/60 F	<u>1.0116</u>
Resistivity (ohm-meters) <u>10'</u> F.	<u>0.55</u>

Total Dissolved Solids (calc)

24,000.

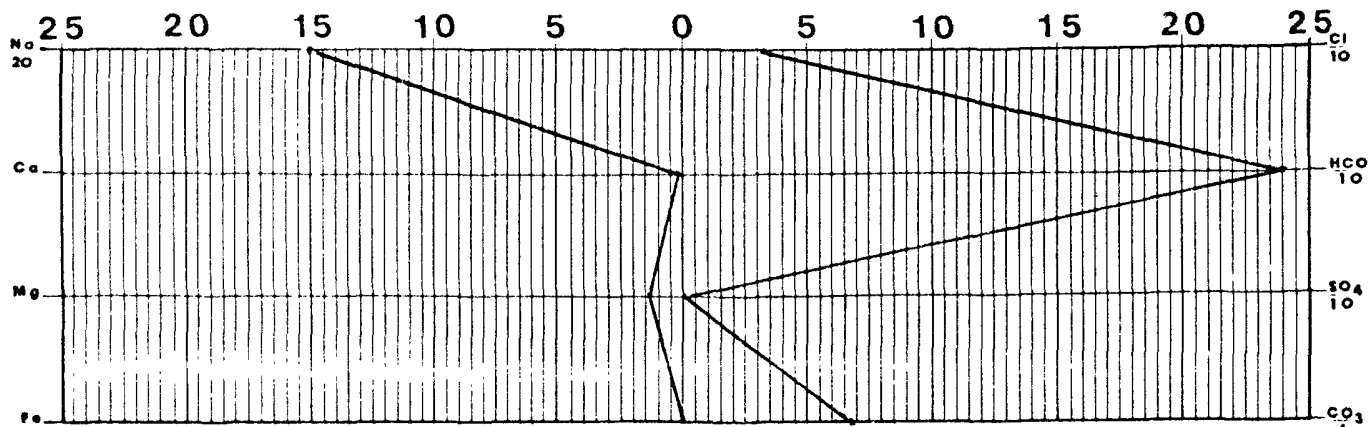
ANIONS

Chloride, Cl	<u>1100</u>	<u>32</u>
Sulfate, SO_4	<u>4.5</u>	<u>0.1</u>
Carbonate, CO_3	<u>810</u>	<u>27</u>
Bicarbonate, HCO_3	<u>15000</u>	<u>240</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>1/0</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>SC</u>
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