

669
30-039-25043 E 2298W
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit K Sec. 32 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced San Juan 28-6 #464

Elevation _____ Completion Date 9-4-91 Total Depth 382 Land Type F

Casing Strings, Sizes, Types & Depths 100' ~~30~~ - 8" PVC

If Casing Strings are cemented, show amounts & types used yes - 29 Sacks

If Cement or Bentonite Plugs have been placed, show depths & amounts used
None

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 100' ~~to~~ - Fresh

RECEIVED
FEB 24 1992

Depths gas encountered: None

OIL CON. DIV.
DIST. 2

Ground bed depth with type & amount of coke breeze used: 382'

Asbury Coke - 110 Bags

Depths anodes placed: #1-330, #2-215, #3-205, #4-195, #5-185, #6-175, #7-165, #8-155, #9-145, #10-135, #11-125, #12-115

Depths vent pipes placed: From 382 to Surface

Vent pipe perforations: From 80' to 382

Remarks: Perforations are 10' up inside Casing

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# 2298		P/L NAME(S), NUMBER(S) San Juan 28-6 #464					
WO # M577	TOTAL	VOLTS 12.3	AMPS 20.5	OHMS .60	DATE 9-4-91	NAME David Ashworth	
REMARKS (notes for construction log)							
Hole Logged Through 2500' Spool							
Water at 90' More Water at 230'							
100							

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	NO. COKE	FULLY COKE'D
100	1.2		295	.6		490			685							
105	1.3		300	.6		495			690							
110	1.2		305	.7		500			695							
115	1.2	12	310	.7		505			700							
120	1.3		315	.7		510										
125	1.6	11	320	.7		515										
130	1.9		325	.7		520										
135	2.0	10	330	1.0	1	525										
140	1.8		335	1.3		530										
145	1.3	9	340	.9		535										
150	1.2		345	.8		540										
155	1.2	8	350	.6		545										
160	1.2		355	.7		550										
165	1.7	7	360	.6		555										
170	1.9		365	.6		560										
175	1.8	6	370	1.0		565										
180	1.6		375	1.1		570										
185	1.8	5	380	382-719		575										
190	1.5		385			580										
195	1.7	4	390			585										
200	1.8		395			590										
205	1.7	3	400			595										
210	1.4		405			600										
215	1.2	2	410			605										
220	1.0		415			610										
225	.9		420			615										
230	.8		425			620										
235	.7		430			625										
240	.6		435			630										
245	.8		440			635										
250	.7		445			640										
255	.7		450			645										
260	.6		455			650										
265	.6		460			655										
270	.6		465			660										
275	.5		470			665										
280	.6		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

2298W

Laboratory No. 25910909-1G

Company <i>MERIDIAN OIL</i>		Sample No.		Date Sampled <i>9/4/91</i>	
Field		Legal Description <i>K-32 28-6</i>		County or Parish <i>RIO ARriba</i>	
Lease or Unit		Well <i>5J 28-6 #464</i>		Depth <i>100'</i>	
Type of Water (Produced, Supply, etc.)		Formation <i>WATER TABLE</i>		Water, B/D	
Sampling Point <i>DEEPWELL GR. BED FOR C.P.</i>		Sampled By <i>D. ASHWORTH</i>			



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<i>670</i>	<i>29</i>
Calcium, Ca	<i>220</i>	<i>11</i>
Magnesium, Mg	<i>4.9</i>	<i>0.4</i>
Barium, Ba		

OTHER PROPERTIES

pH	<i>8.2</i>
Specific Gravity, 60/60 F.	<i>1.0042</i>
Resistivity (ohm-meters) <i>12</i> F.	<i>3.45</i>

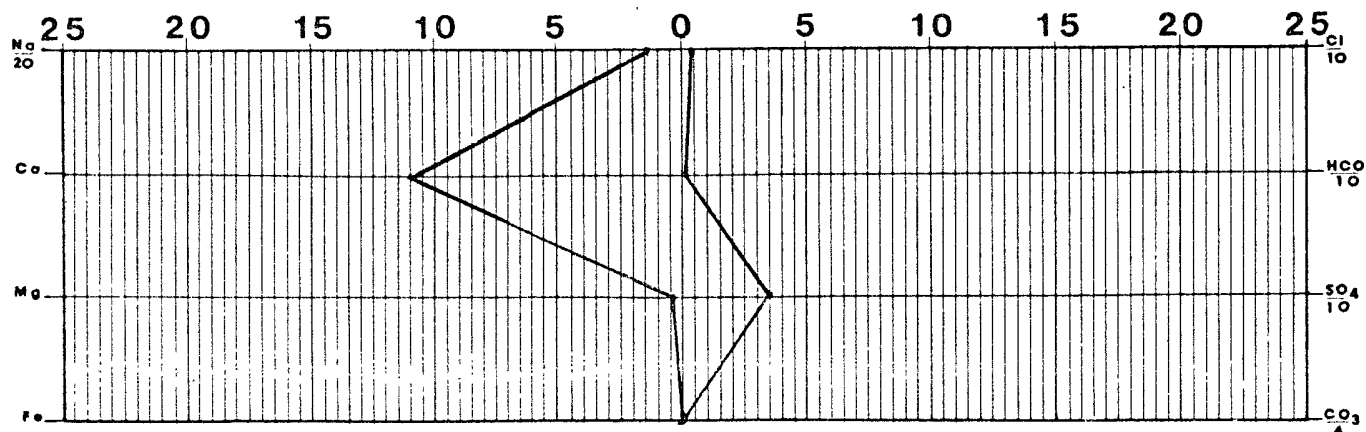
Total Dissolved Solids (calc.) *2800*

ANIONS

Chloride, Cl	<i>140</i>	<i>4.0</i>
Sulfate, SO_4	<i>1700</i>	<i>35</i>
Carbonate, CO_3	<i>0</i>	<i>0</i>
Bicarbonate, HCO_3	<i>100</i>	<i>1.7</i>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <i>9/9/91</i>	Preserved <i>No</i>	Date Analyzed <i>9/9-10/91</i>	Analyzed By <i>ES</i>
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