

553

152-30-039-20379

18-30-039-07349

433-30-039-25019

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit N Sec. 24 Twp 28 Rng 6Name of Well/Wells or Pipeline Serviced San Juan 28-6 #18 #433
#152Elevation 6558 Completion Date 8-26-91 Total Depth 438' Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PVCIf Casing Strings are cemented, show amounts & types used yes - 21 SackIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NONEDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 150' - FreshDepths gas encountered: NONEGround bed depth with type & amount of coke breeze used: 438'Asbury coke - 126 BagsDepths anodes placed: #1-385 #2-375 #3-365 #4-355 #5-345 #6-335
#7-245 #8-235 #9-225 #10-200 #11-175 #12-160Depths vent pipes placed: From Surface to 438'Vent pipe perforations: From 120' to 438'Remarks: No gas encountered in drilling of hole

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

N-24 28-6

CPS# 1039	P/L NAME(s), NUMBER(s) San Juan 28-6 #18					
WD # M265	TOTAL	VOLTS 12.2	AMPS 21.5	- OHMS .56	DATE 8-26-91	NAME David Ashwo

REMARKS (notes for construction log)

H₂O at - 150'

PerF Vent Pipe -

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE
	ANODE	#		ANODE	#		ANODE	#		ANODE	#
100			295	1.3		490			685		
105			300	1.1		495			690		
110			305	.9		500			695		
115			310	.8		505			700		
120			315	.7		510			ANODE	DEPTH	NO
125			320	.6		515					FULLY
130			325	.6		520					COKE
135			330	.7		525			1	385	2.3
140			335	1.4	6	530			2	375	2.1
145			340	2.2		535			3	365	2.4
150	.8		345	2.2	5	540			4	355	2.0
155	1.9		350	2.0		545			5	345	2.0
160	2.0	12	355	1.7	4	550			6	335	2.1
165	1.9		360	2.3		555			7	245	2.4
170	2.8		365	2.7	3	560			8	235	2.2
175	2.6	11	370	2.1		565			9	225	2.2
180	1.9		375	1.6	2	570			10	200	2.0
185	1.6		380	2.2		575			11	175	2.7
190	1.8		385	2.3	1	580			12	160	2.2
195	1.1		390	1.8		585			13		
200	1.8	10	395	1.8		590			14		
205	1.9		400	1.8		595			15		
210	1.3		405	1.6		600			16		
215	1.2		410	1.4		605			17		
220	1.6		415	1.4		610			18		
225	2.2	9	420	1.4		615			19		
230	2.4		425	1.2		620			20		
235	2.2	8	430	1.0		625			21		
240	1.9		435	TD 439		630			22		
245	2.4	7	440			635			23		
250	1.7		445			640			24		
255	1.5		450			645			25		
260	1.6		455			650			26		
265	1.5		460			655			27		
270	1.4		465			660			28		
275	1.3		470			665			29		
280	1.2		475			670			30		
285	1.3		480			675					
290	1.3		485			680					

DISTRIBUTION - original - permanent CPS FILE

 copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910830-1E

Company <u>MERIDIAN OIL</u>		Sample No. <u>1039W</u>		Date Sampled <u>8/26/91</u>	
Field		Legal Description <u>N-24, 28-6</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>SJ 28-6 #18</u>		Depth <u>150'</u>	
Type of Water (Produced, Supply, etc.)		Formation <u>Water Table</u>		Water, B/D	
Sampling Point <u>Cath. Protection GROUND BED</u>		Sampled By <u>D. B. H. WORTH</u>			

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>780</u>	<u>34</u>
Calcium, Ca	<u>320</u>	<u>16</u>
Magnesium, Mg	<u>4.9</u>	<u>0.4</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.8</u>
Specific Gravity, 60/60 F.	<u>1.0039</u>
Resistivity (ohm-meters) <u>70'</u> F.	<u>2.90</u>

Total Dissolved Solids (calc.)

3500.

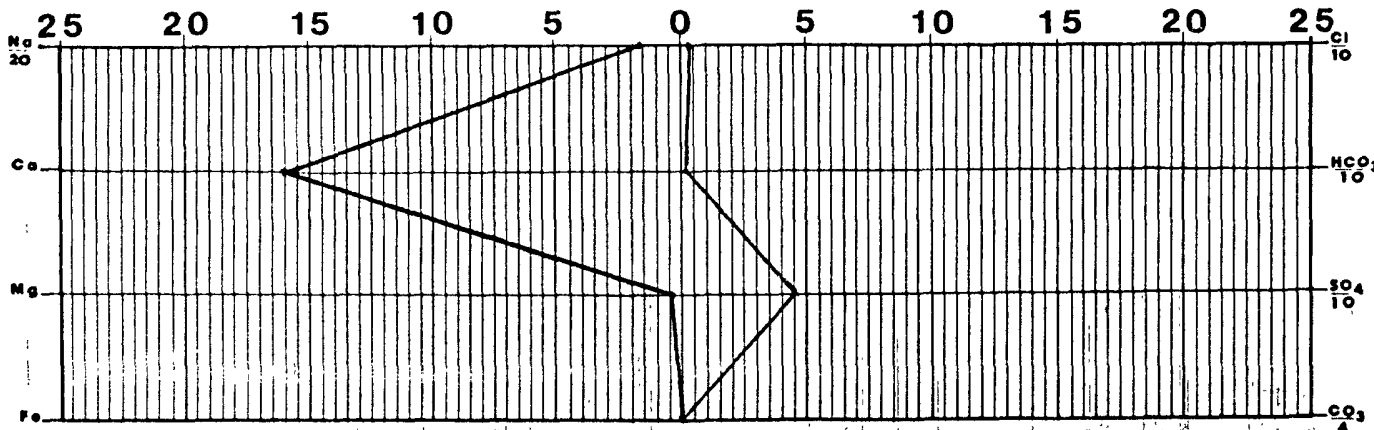
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>2200</u>	<u>45</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>110</u>	<u>1.8</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>NO</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>ES</u>
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