

62-30-039-07376 119-30-039-08063

461-30-039-24975

11652

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit E Sec. 22 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced San Juan 28-6 #62 #461
& #119

Elevation 6569 Completion Date 8-27-91 Total Depth 423' Land Type F

Casing Strings, Sizes, Types & Depths 106' 8"

If Casing Strings are cemented, show amounts & types used yes - 23 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. 150' - Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 423' Asbury
Coke - 126 Bags

Depths anodes placed: #1-385, #2-375, #3-365, #4-355, #5-345, #6-335
#7-285, #8-245, #9-235, #10-225, #11-180, #12-170

Depths vent pipes placed: Surface to 423'

Vent pipe perforations: From 105' to 423'

Remarks: _____

RECEIVED

FEB 24 1992

OIL CON. DIV. I

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

CPS# 1165	P/L NAME(s), NUMBER(s) San Juan 28-6 # 62					
WD # M273	TOTAL	VOLTS 12.3	AMPS 17.9	- OHMS .68	DATE 8-27-91	NAME David Ashworth
REMARKS (notes for construction log)						

H₂O - 150'
PerF - 320'

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	1.0		500			695			
115			310	1.8		505			700			
120			315	.7		510			ANODE	DEPTH	NO.	FULL
125			320	.7		515			*		COKE	COKE
130			325	.8		520			1	385	1.9	5.0
135			330	1.6		525			2	375	2.6	5.5
140			335	2.2	6	530			3	365	1.9	5.0
145			340	2.2		535			4	355	2.9	5.7
150			345	2.2	3	540			5	345	2.3	5.4
155			350	2.5		545			6	335	2.3	4.9
160			355	2.6	4	550			7	285	2.0	4.3
165			360	2.0		555			8	245	1.9	5.0
170	1.4	12	365	1.7	3	560			9	235	2.0	5.6
175	2.4		370	1.9		565			10	225	2.6	5.9
180	1.9	11	375	2.4	2	570			11	180	2.0	5.0
185	1.0		380	2.0		575			12	170	1.9	5.0
190	1.7		385	1.8	1	580			13			
195	.7		390	1.7		585			14			
200	.7		395	1.3		590			15			
205	.7		400	1.2		595			16			
210	.7		405	1.2		600			17			
215	.7		410	1.2		605			18			
220	1.9		415	1.6		610			19			
225	2.4	10	420	4.2-4.2		615			20			
230	2.2		425			620			21			
235	1.9	9	430			625			22			
240	2.1		435			630			23			
245	1.6	8	440			635			24			
250	1.5		445			640			25			
255	1.3		450			645			26			
260	1.3		455			650			27			
265	1.0		460			655			28			
270	1.0		465			660			29			
275	.9		470			665			30			
280	1.4		475			670						
285	1.8	7	480			675						
290	1.7		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 259/0830-1D

Company <u>MERIDIAN OIL</u>		Sample No. <u>1165W</u>	Date Sampled <u>8/27/91</u>
Field	Legal Description <u>E-22 28-6</u>	County or Parish	State
Lease or Unit	Well <u>ST 28-6 #62</u>	Depth <u>150'</u>	Formation <u>Water Table</u>
Type of Water (Produced, Supply, etc.)	Sampling Point <u>C.P. DEERWELL GR. BED</u>	Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3900</u>	<u>170</u>
Calcium, Ca	<u>130</u>	<u>6.6</u>
Magnesium, Mg	<u>6.1</u>	<u>0.5</u>
Barium, Ba		

OTHER PROPERTIES

pH

Specific Gravity, 60/60 F.

Resistivity (ohm-meters) 70' F.

7.7

1.0042

2.25

Total Dissolved Solids (calc.)

12,000

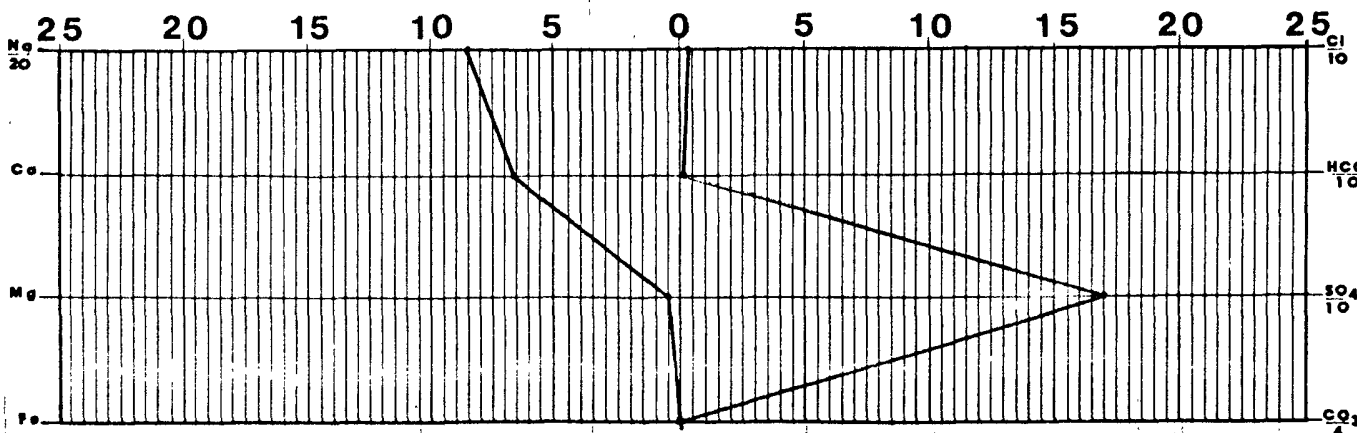
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>8200</u>	<u>170</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>130</u>	<u>2.2</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>JS</u>
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