

600-30-039-07381

459-30-039-24998

125-30-039-20000

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit B Sec. 21 Twp 28 Rng 6Name of Well/Wells or Pipeline Served San Juan 28-6 #125, 60, 459
CPS #1163Elevation 640 Completion Date 8-30-91 Total Depth 383' Land Type FCasing Strings, Sizes, Types & Depths 80' 8" PVC CasingIf Casing Strings are cemented, show amounts & types used yes - 20 SacksIf 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. 100' FreshDepths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 383' - Asbury
106 BagsDepths anodes placed: #1-360, #2-350, #3-340, #4-330, #5-315, #6-305, #7-250
#8-240, #9-230, #10-220, #11-160, #12-150Depths vent pipes placed: From Surface to 383'Vent pipe perforations: From 80' to 383'

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

CPS# 1163-W	P/L NAME(s), NUMBER(s) San Juan 28-6 #459					
WG # M271	TOTAL	VOLTS 12.4	AMPS 21.5	--OHMS .57	DATE 8-30-91	NAME D. Ashworth

REMARKS (notes for construction log)

H.C-100'
PerF-300'

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.0		490			685			
105			300	1.7		495			690			
110	2.8		305	2.6	6	500			695			
115	2.6		310	1.8		505			700			
120	1.9		315	2.1	5	510			ANODE	DEPTH	NO.	FULLY
125	1.7		320	1.9		515			#		COKE	COKE D
130	2.5		325	1.6		520			1	360	2.2	5.5
135	2.2		330	1.8	4	525			2	350	2.1	5.8
140	1.7		335	2.0		530			3	340	2.1	5.6
145	1.9		340	2.0	3	535			4	330	2.0	5.0
150	2.0	12	345	2.2		540			5	315	2.2	5.1
155	1.9		350	2.1	2	545			6	305	2.5	5.6
160	2.1	11	355	2.0		550			7	250	2.5	6.7
165	2.7		360	2.2	1	555			8	240	2.1	6.6
170	1.6		365	1.8		560			9	230	2.2	6.2
175	1.4		370	1.6		565			10	220	2.7	6.0
180	1.2		375	1.0		570			11	160	2.1	5.8
185	1.0		380	383-7D		575			12	150	2.0	5.9
190	1.0		385			580			13			
195	.9		390			585			14			
200	1.0		395			590			15			
205	1.3		400			595			16			
210	1.9		405			600			17			
215	1.6		410			605			18			
220	2.5	10	415			610			19			
225	2.8		420			615			20			
230	2.2	9	425			620			21			
235	2.3		430			625			22			
240	1.7	8	435			630			23			
245	3.2		440			635			24			
250	2.0	7	445			640			25			
255	1.4		450			645			26			
260	1.3		455			650			27			
265	1.1		460			655			28			
270	1.0		465			660			29			
275	1.0		470			665			30			
280	.9		475			670						
285	.9		480			675						
290	1.0		485			680						

DISTRIBUTION: original permanent CPS FILE

copy -- Division Corrosion Supervisor

copy -- Region Corrosion Specialist

API WATER ANALYSIS REPC FORM

Laboratory No. 25910909-1D

1163W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8/30/91</u>	
Field		Legal Description <u>B-21 28-6</u>		County or Parish <u>RIO ARRIBA</u>	
State <u>N.M.</u>		Lease or Unit		Well <u>55 28-6 #459</u>	
Depth <u>100'</u>		Formation <u>WATER TABLE</u>		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>DEEPWELL GR. BED FOR C.P.</u>		Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>540</u>	<u>24</u>
Calcium, Ca	<u>140</u>	<u>7.0</u>
Magnesium, Mg	<u>3.2</u>	<u>0.3</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.7</u>
Specific Gravity, 60/60 F.	<u>1.0036</u>
Resistivity (ohm-meters) <u>72° F.</u>	<u>4.60</u>

Total Dissolved Solids (calc.)

2200

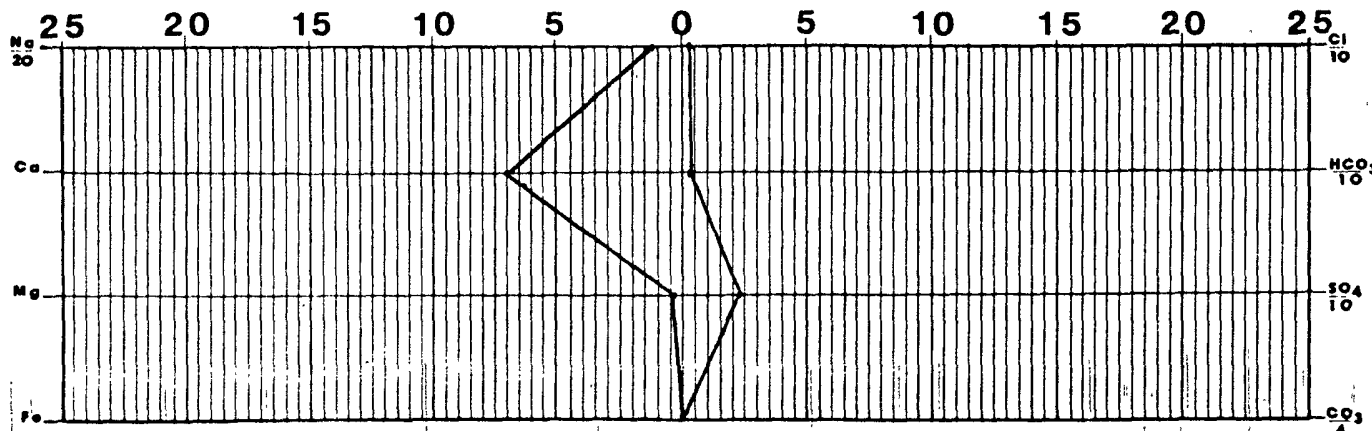
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>1100</u>	<u>23</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>260</u>	<u>4.3</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>9/9/91</u>	Preserved <u>no</u>	Date Analyzed <u>9/9-10/91</u>	Analyzed By <u>ES</u>
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