

588

30-045-27994

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

220840

Operator Meridian Oil Location: Unit 4 Sec. 18 Twp 31 Rng 9Name of Well/Wells or Pipeline Serviced San Juan 32-9 * 267Elevation 6662 Completion Date 6-20-91 Total Depth 342' Land Type FCasing Strings, Sizes, Types & Depths 100' sch. 40 8" PVC

If Casing Strings are cemented, show amounts & types used

20 sacks, 95 lbs. per sack, 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. 130' fresh

RECEIVED

FEB 24 1992

Depths gas encountered: None

OIL CON. DIV.

Ground bed depth with type & amount of coke breeze used: DIST. 3342' Loresco, S.W. 43 sacks

Depths anodes placed:

Depths vent pipes placed: 295'Vent pipe perforations: 1' apart, perforated 240' of 1" PVC

Remarks:

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#	P/L NAME (s), NUMBER (s)					
2208	San Juan 32-9 # 267					
* 1045	TOTAL	VOLTS	AMPS	= OHMS	DATE	NAME
		12.17	16.9	.7	6-20-91	L.S.E.

REMARKS (notes for construction log)

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100	3.9		295	2.9	2	490			685			
105	3.9		300	3.0		495			690			
110	2.7		305	2.7	1	500			695			
115	1.6		310	1.9		505			700			
120	.9		315	1.4		510			ANODE	DEPTH	NO	FULLY
125	.7		320	1.0		515			*		COKE	COKE'D
130	.8		325	.9		520			1	306	2.5	4.0
135	.8		330	1.4		525			2	295	3.0	4.5
140	2.1		335	1.2		530			3	285	3.0	4.9
145	3.2	12	340	3.37	TD	535			4	275	2.6	4.0
150	3.6		345			540			5	265	2.3	3.5
155	3.4	11	350			545			6	255	3.1	4.0
160	2.6		355			550			7	245	3.0	4.6
	2.2	10	360			555			8	237	2.9	4.5
170	2.0		365			560			9	228	2.0	3.5
175	1.4		370			565			10	163	2.5	4.1
180	1.1		375			570			11	154	3.6	5.1
185	.9		380			575			12	145	3.3	4.5
190	.8		385			580			13			
195	.8		390			585			14			
200	.8		395			590			15			
205	.8		400			595			16			
210	.9		405			600			17			
215	.9		410			605			18			
220	1.0		415			610			19			
225	1.5	9	420			615			20			
230	1.9		425			620			21			
235	2.4	8	430			625			22			
240	3.1		435			630			23			
245	3.0	7	440			635			24			
250	3.2		445			640			25			
255	3.0	6	450			645			26			
260	2.4		455			650			27			
265	2.1	5	460			655			28			
270	1.9		465			660			29			
275	2.6	4	470			665			30			
280	3.0		475			670						
285	3.0	3	480			675						
290	3.1		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-910210-1F

Company <u>Meridian Oil</u>		Sample No.		Date Sampled <u>6-20-91</u>
Field	Legal Description <u>L-18-31-9</u>	County or Parish <u>San Juan</u>		State <u>N.M.</u>
Lease or Unit	Well <u>ST 32-9 #267</u>	Depth	Formation <u>Coal Seam</u>	Water, B/D
Type of Water (Produced, Supply, etc.) <u>GROUND BEH</u>		Sampling Point		Sampled By <u>L.S.E.</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>5500</u>	<u>240</u>
Calcium, Ca	<u>6</u>	<u>0.3</u>
Magnesium, Mg	<u>33</u>	<u>2.7</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>1300</u>	<u>38</u>
Sulfate, So ₄	<u>740</u>	<u>15</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>12000</u>	<u>190</u>

Total Dissolved Solids (calc.)

20000

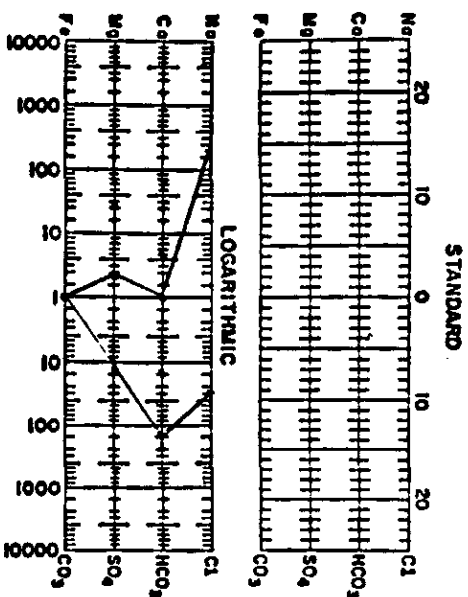
Iron, Fe (total)
Sulfide, as H₂S

OTHER PROPERTIES

pH
Specific Gravity, 60/60 F.
Resistivity (ohm-meters) 69 F.

8.0
1.0097
1.49

WATER PATTERNS — me/l



REMARKS & RECOMMENDATIONS:

Date Received <u>10-91</u>	Preserved <u>NO</u>	Date Analyzed <u>7-1-91</u>	Analyzed By <u>ES</u>
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