

592

30-045-28034

E.

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

221247

Operator Meridian Oil Co Location: Unit Sec. 33 Twp 32 Rng 9Name of Well/Wells or Pipeline Served San Juan 32-9 #282

CPS #2212

Elevation Completion Date 7-4-91 Total Depth 325 Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PUCIf Casing Strings are cemented, show amounts & types used Yes - 20 Scks

If 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. 105' - Fresh

RECEIVED

FEB 24 1992

OIL CON. DIV.
DIST. 3Depths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 325'Loresco SW Coke From 325' to 110'

Depths anodes placed: #1-309' #2-300' #3-290' #4-280' #5-270' #6-225' #7-215' #8-205'

Depths vent pipes placed: 325' to Surface #9-195' #10-150' #11-140' #12-130'Vent pipe perforations: 325' to 25'Remarks: No Gas encountered in drilling of hole

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# 2212	P/L NAME(s), NUMBER(s) S J 32-9 #282					
WD # 6297	TOTAL	VOLTS 12.5	AMPS 16.1	- OHMS .77	DATE 7-4-91	NAME David D Ashworth

REMARKS (notes for construction log)

H₂O - 105'
300' Vent Pipe - Perforated

DEPTH	LOG ANODE	ANODE *	DEPTH	LOG ANODE	ANODE *	DEPTH	LOG ANODE	ANODE *	DEPTH	LOG ANODE	ANODE *		
100	1.8		295	2.8		490			685				
105	1.2		300	2.9	2	495			690				
110	1.1		305	2.1		500			695				
115	1.3		310	1.4	1	505			700				
120	2.6		315	.9		510			ANODE	DEPTH	NO	FULLY	
125	2.4		320	.6		515			*		COKE	COKE	
130	2.2	12	325	12.325		520			1	309	2.0	3.7	
135	2.5		330			525			2	300	2.9	4.5	
140	2.8	11	335			530			3	290	2.7	4.6	
145	2.5		340			535			4	280	2.7	4.2	
150	2.4	10	345			540			5	270	2.5	3.9	
155	1.0		350			545			6	225	2.1	3.6	
160	.9		355			550			7	215	2.8	4.3	
165	1.0		360			555			8	205	2.9	4.4	
170	.8		365			560			9	195	2.9	4.0	
175	.7		370			565			10	150	2.5	4.2	
180	.8		375			570			11	140	2.8	5.0	
185	1.0		380			575			12	130	2.5	4.6	
190	1.4		385			580			13				
195	2.4	9	390			585			14				
200	3.1		395			590			15				
205	3.0	8	400			595			16				
210	2.8		405			600			17				
215	2.8	7	410			605			18				
220	2.2		415			610			19				
225	1.6	6	420			615			20				
230	1.3		425			620			21				
235	1.0		430			625			22				
240	1.1		435			630			23				
245	1.0		440			635			24				
250	.9		445			640			25				
255	.7		450			645			26				
260	.7		455			650			27				
265	1.2		460			655			28				
270	2.3	5	465			660			29				
275	2.5		470			665			30				
280	2.5	4	475			670							
285	2.7		480			675							
290	2.6	3	485			680							

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-910710-1A

Company <u>Meridian O.I.</u>		Sample No.		Date Sampled <u>7-4-91</u>
Field	Legal Description <u>NE/33</u>	32-9	County or Parish <u>Santa Juan</u>	State <u>N.M.</u>
Lease or Unit	Well <u>S.J. 32-9 #282</u>	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point <u>C.P. Cr. Bed</u>	Sampled By <u>B. J. Ponce</u>	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>6100</u>	<u>270</u>
Calcium, Ca	<u>6</u>	<u>0.3</u>
Magnesium, Mg	<u>81</u>	<u>1.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.0</u>
Specific Gravity, 60/60 F.	<u>1.0096</u>
Resistivity (ohm-meters)	<u>45 F.</u>

ANIONS

Chloride, Cl	<u>1300</u>	<u>37</u>
Sulfate, SO ₄	<u>2920</u>	<u>60</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>11000</u>	<u>170</u>

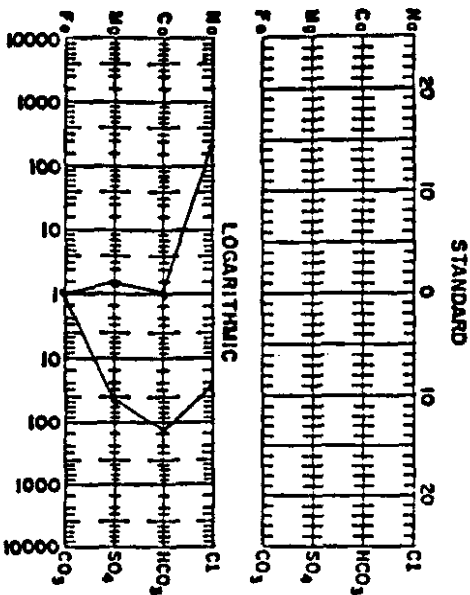
Total Dissolved Solids (calc.)

21000

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

WATER PATTERNS — me/l



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