

30-045-27647

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Inc. Location: Unit 1F Sec. 10 Twp 9 Rng 8Name of Well/Wells or Pipeline Serviced Hill 3RCPS #2266Elevation 6281 Completion Date 9-16-91 Total Depth 497 Land Type FCasing Strings, Sizes, Types & Depths Set 700' of 8" P.O.C.If Casing Strings are cemented, show amounts & types used 25 sacks
of neat cement.If Cement or Bentonite Plugs have been placed, show depths & amounts used
no plugsDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 250' and water was clear.Depths gas encountered: no gasGround bed depth with type & amount of coke breeze used: 497' with
78 sacks of Asbury 4518Depths anodes placed: #1 is at 480' & #10 is at 295'Depths vent pipes placed: 497' to surfaceVent pipe perforations: up to 200'

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# 266-w	P/L NAME(s), NUMBER(s) Hill #3R					
WO # K289	TOTAL	VOLTS	AMPS	--OHMS	DATE	NAME
		12.20	16.1	.76	7-16-91	R. Smith

REMARKS (notes for construction log)

H₂O is at 250' bent
pipe perforated up to 200'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.3		490	1.0		685			
105			300	1.6		495	70497		690			
110			305	2.0		500			695			
115			310	1.3		505			700			
120			315	.7		510			ANODE	DEPTH	NO.	FULLY
125			320	.7		515			#		COKE	COKE'D
130			325	.8		520			1	480	1.5	4.0
135			330	.6		525			2	470	1.6	4.3
140			335	.7		530			3	460	1.4	4.1
145			340	.6		535			4	450	1.6	4.0
150			345	.6		540			5	440	2.0	3.1
155			350	.6		545			6	430	2.0	5.2
160			355	.6		550			7	420	1.7	5.2
165			360	.7		555			8	410	1.9	5.3
170			365	.9		560			9	400	2.0	5.4
175			370	1.0		565			10	390	1.8	5.0
180			375	.8		570			11	380	2.0	4.8
185			380	.9		575			12	375	1.5	4.7
190			385	1.0		580			13			
195			390	1.7		585			14			
200			395	1.8		590			15			
205			400	2.0		595			16			
210			405	2.1		600			17			
215			410	1.8		605			18			
220			415	1.8		610			19			
225			420	1.8		615			20			
230			425	1.5		620			21			
235			430	1.7		625			22			
240			435	2.1		630			23			
245			440	1.8		635			24			
250			445	1.6		640			25			
255			450	1.5		645			26			
260			455	1.0		650			27			
265			460	1.0		655			28			
270			465	1.4		660			29			
275			470	1.9		665			30			
280			475	2.1		670						
285			480	1.2		675						
290			485	1.1		680						

DISTRIBUTION -- original -- permanent CPS FILE

copy -- Division Corrosion Supervisor

copy -- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25911008-1J

2260W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-16-91</u>	
Field		Legal Description <u>NE 10-29-8</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>HILL # 3R</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>WATER TABLE</u>		Sampled By <u>R. SMITH</u>	
		Formation <u>GROUND BED</u>		Water, B/D	
				State <u>N.M.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>310</u>	<u>14</u>
Calcium, Ca	<u>370</u>	<u>19</u>
Magnesium, Mg	<u>22</u>	<u>1.8</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.6</u>
Specific Gravity, 60/60 F.	<u>1.0027</u>
Resistivity (ohm-meters) <u>60</u> F.	<u>4.55</u>

Total Dissolved Solids (calc.)

2400.

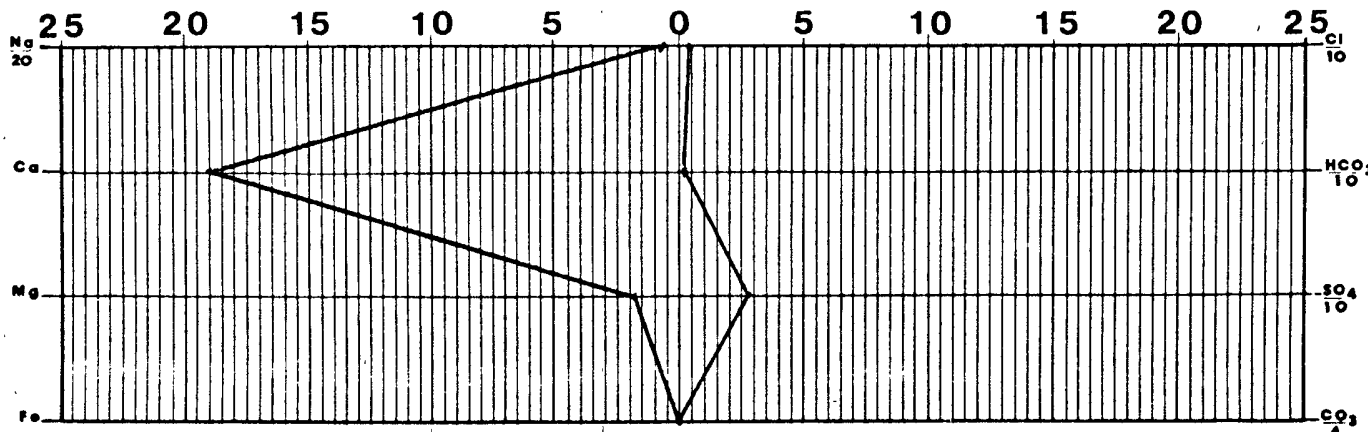
ANIONS

Chloride, Cl	<u>140</u>	<u>4.0</u>
Sulfate, SO_4	<u>1400</u>	<u>28</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>140</u>	<u>2.3</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>10/8/91</u>	Preserved <u>No</u>	Date Analyzed <u>10/8-10/9/91</u>	Analyzed By <u>ES</u>
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