

630

205-30-039-20850
476-30-039-25052

E

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

Operator Meridian Oil Location: Unit E Sec. 9 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced San Juan 28-6 #2054 #476
2254-W

Elevation 6490 Completion Date 9-3-91 Total Depth 465' Land Type F

Casing Strings, Sizes, Types & Depths 100 8" PK

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. 110' Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 465'
Asbury Coke - 142 Bags

Depths anodes placed: #1-450, #2-440, #3-425, #4-415, #5-405, #6-395
#7-385, #8-375, #9-365, #10-355, #11-190, #12-155

Depths vent pipes placed: From Surface to 465'

Vent pipe perforations: From 150' to 465'

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# 2254-W	P/L NAME(s), NUMBER(s) San Juan 28-6 #205 + #476					
WO # M580	TOTAL	VOLTS 12.5	AMPS 22.6	OHMS .55	DATE 9-3-91	NAME David Ashwood

REMARKS (notes for construction log)

H₂O-110'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE
	ANODE	#		ANODE	#		ANODE	#		ANODE	#
100			295	1.2		490			685		
105			300	1.0		495			690		
110			305	.7		500			695		
115			310	.7		505			700		
120			315	.7		510			ANODE	DEPTH	NO
125			320	.7		515			#		FUL
130			325	.7		520				COKE	COK
135			330	1.0		525			1	450	2.2
140			335	1.7		530			2	440	2.3
145			340	1.5		535			3	425	2.0
150	1.7		345	1.6		540			4	415	2.1
155	2.3	12	350	1.7		545			5	405	2.4
160	2.5		355	1.9	10	550			6	395	2.3
165	1.9		360	2.5		555			7	385	2.1
170	1.1		365	2.3	9	560			8	375	2.4
175	1.0		370	2.0		565			9	365	2.3
180	1.2		375	2.4	8	570			10	355	2.1
185	1.7		380	2.4		575			11	190	1.8
190	1.8	11	385	2.1	7	580			12	155	2.6
195	1.7		390	2.0		585			13		
200	1.7		395	2.3	6	590			14		
205	1.7		400	2.0		595			15		
210	1.4		405	2.5	5	600			16		
215	1.7		410	2.3		605			17		
220	1.4		415	2.0	4	610			18		
225	.9		420	2.2		615			19		
230	.5		425	2.0	3	620			20		
235	.5		430	1.6		625			21		
240	.4		435	1.5		630			22		
245	.4		440	2.4	2	635			23		
250	.5		445	2.1		640			24		
255	.8		450	2.3	1	645			25		
260	1.3		455	2.4		650			26		
265	1.4		460	2.2		655			27		
270	.9		465	TD-465		660			28		
275	.7		470			665			29		
280	.7		475			670			30		
285	1.1		480			675					
290	1.3		485			680					

DISTRIBUTION: Original - permanent CPS FILE

COPY - Division Corrosion Supervisor

COPY - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910909-1E

2254W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-3-91</u>	
Field		Legal Description <u>G-9, 27-6</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>SJ 28-6 #205</u>		State <u>N.M.</u>	
Depth <u>110'</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>450</u>	<u>20</u>
Calcium, Ca	<u>200</u>	<u>10</u>
Magnesium, Mg	<u>2.4</u>	<u>0.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.8</u>
Specific Gravity, 60/60 F.	<u>1.0036</u>
Resistivity (ohm-meters) <u>72' F.</u>	<u>4.85</u>

Total Dissolved Solids (calc.)

2100.

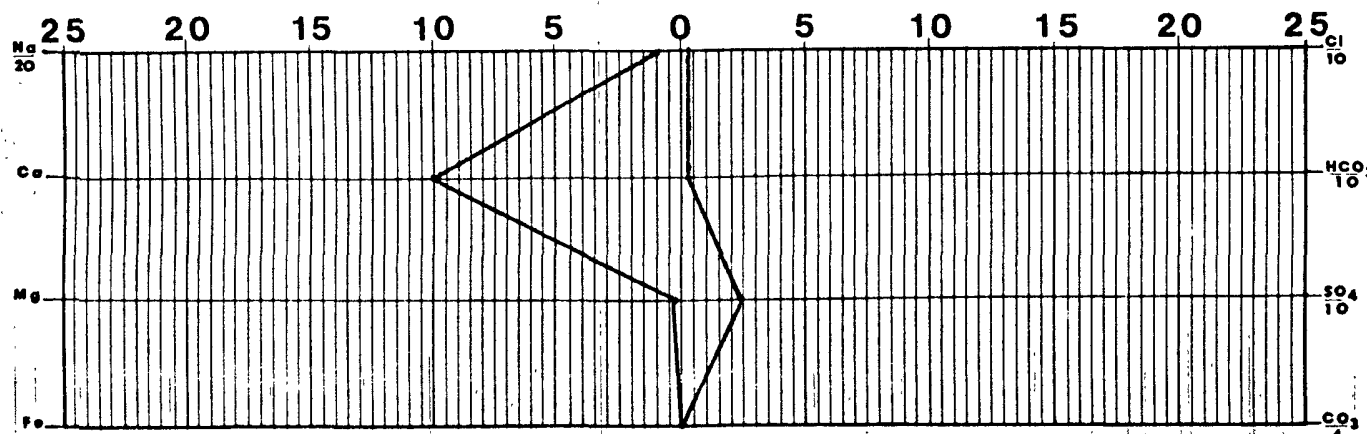
ANIONS

Chloride, Cl	<u>110</u>	<u>3.0</u>
Sulfate, SO_4	<u>1200</u>	<u>24</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>170</u>	<u>2.7</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>FD</u>
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TECH, Inc.
333 East Main
Farmington,
New Mexico
87401
505/327-3311

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

Operator Meridian Oil Location: Unit 5 Sec. 9 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced San Juan 28-6 #2054 #476

2254-W

Elevation 6490 Completion Date 9-3-91 Total Depth 465' Land Type F

Casing Strings, Sizes, Types & Depths 100 8" PUC

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. 110' Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 465'

Asbury Coke - 142 Bags

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CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 2254-W	P/L NAME(s), NUMBER(s) San Juan 28-6 #205 & #476					
WO # M580	TOTAL	VOLTS 12.5	AMPS 22.6	OHMS .55	DATE 9-3-91	NAME David Ashworth

REMARKS (notes for construction log)

H₂O-110'

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110			305	.7		500			695			
115			310	.7		505			700			
120			315	.7		510			ANODE	DEPTH	NO.	FULLY
125			320	.7		515					COKE	COKE
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Sampling Point DEEPWELL GR. BED FOR C.P.		Water, B/D		Sampled By D. ASHWORTH	

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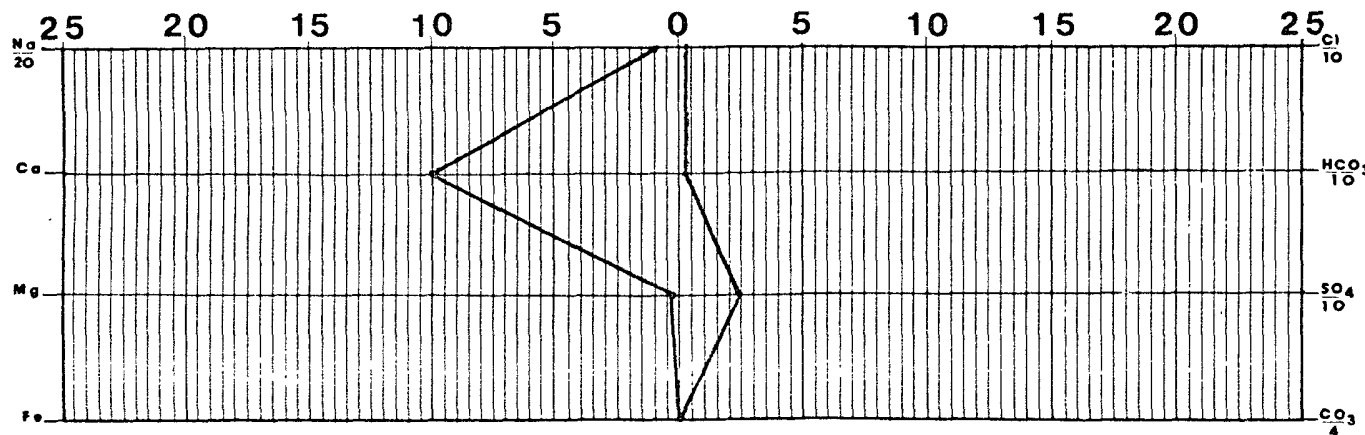
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REMARKS & RECOMMENDATIONS:



Date Received 9/9/91	Preserved No	Date Analyzed 9/9-10/91	Analyzed By ED
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