

525
66 - 30-039-01562
559 - 30-039-24913
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit N Sec. 22 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced San Juan 29-7 #66 + 559

CPS# 916-W

Elevation 6785 Completion Date 9-10-91 Total Depth 370 Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC Casing Set 100'

If Casing Strings are cemented, show amounts & types used Yes - 24 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. 185' - Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 370'

Asbury Coke - 104 Bags
Depths anodes placed: #1-295, #2-285, #3-275, #4-265, #5-255, #6-245, #7-235, #8-225, #9-215, #10-205, #11-195, #12-185

Depths vent pipes placed: Surface to 370'

Vent pipe perforations: From 170' to 370'

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# 96-W	P/L NAME(S), NUMBER(S) San Juan 29-7 #66+559					
WO # M627	TOTAL	VOLTS 12.3	AMPS 17.8	OHMS .69	DATE 9-10-91	NAME D. Ashworth

REMARKS (notes for construction log)

H₂O-185'

PerF- 200'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	2.2	1	490			685			
105			300	1.1		495			690			
110			305	.7		500			695			
115			310	.7		505			700			
120			315	.8		510			ANODE	DEPTH	NO.	FULLY
125			320	.8		515			#		COKE	COKE D
130			325	.8		520			1	295	2.2	5.4
135			330	.7		525			2	285	2.5	6.0
140			335	.7		530			3	275	1.8	5.5
145			340	.5		535			4	265	2.2	5.8
150			345	.5		540			5	255	2.2	5.6
155			350	.3		545			6	245	1.7	5.2
160			355	.2		550			7	235	1.9	5.3
165			360	.3		555			8	225	1.6	5.1
170			365	.3		560			9	215	2.1	5.6
175	.9		370	10-270		565			10	205	2.3	6.0
180	1.0		375			570			11	195	2.1	5.6
185	1.4	12	380			575			12	185	1.4	4.7
190	1.4		385			580			13			
195	1.3	11	390			585			14			
200	1.3		395			590			15			
205	2.1	10	400			595			16			
210	2.2		405			600			17			
215	2.4	9	410			605			18			
220	2.4		415			610			19			
225	2.1	8	420			615			20			
230	1.6		425			620			21			
235	1.7	7	430			625			22			
240	1.8		435			630			23			
245	2.1	6	440			635			24			
250	1.7		445			640			25			
255	1.7	5	450			645			26			
260	2.2		455			650			27			
265	2.1	4	460			655			28			
270	2.2		465			660			29			
275	1.8	3	470			665			30			
280	2.0		475			670						
285	2.5	2	480			675						
290	2.3		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy

- Division Corrosion Supervisor

copy

- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

96W

Laboratory No. 25910916-2D

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-10-91</u>	
Field		Legal Description <u>N-22 29-7</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>SJ 29-7 #66</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>WATER TABLE</u>	
Sampling Point <u>C.P. DEEPWELL GR. BED</u>		Water, B/D		Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>220</u>	<u>9.4</u>
Calcium, Ca	<u>530</u>	<u>27</u>
Magnesium, Mg	<u>7.3</u>	<u>0.6</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.0</u>
Specific Gravity, 60/60 F.	<u>1.0035</u>
Resistivity (ohm-meters) <u>65° F.</u>	<u>3.90</u>

Total Dissolved Solids (calc.)

2500.

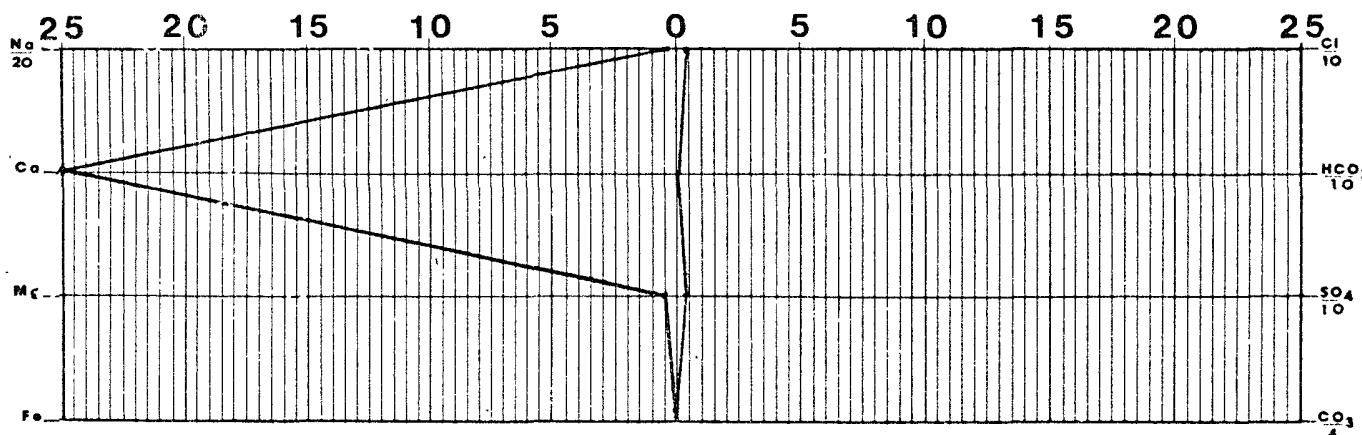
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>1600</u>	<u>33</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>31</u>	<u>0.5</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>9/16/91</u>	Preserved <u>No</u>	Date Analyzed <u>9/16-17/91</u>	Analyzed By <u>ES</u>
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