

659
30-039-24646
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator W. J. Anderson Location: Unit M Sec. 22 Twp 31 Rng 5

Name of Well/Wells or Pipeline Serviced Kosa #258

CPS# 2288w

Elevation 6521 Completion Date 9-21-91 Total Depth 435 Land Type F

Casing Strings, Sizes, Types & Depths 60" 40' 5" PVC

If Casing Strings are cemented, show amounts & types used

12 sacks Cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NO

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 265' fresh

RECEIVED
FEB 24 1992

Depths gas encountered: NO

OIL CON. DIV.]
DIST. 3

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

435' Rocking 74 sacks

Depths anodes placed: 376 386 375 365 355 345 335 320 310 300 290 280

Depths vent pipes placed: 386'

Vent pipe perforations: 1" apart Perforated bottom 320'

Remarks: from 2nd anode

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

P/S# 2288-6	P/L NAME(s), NUMBER(s) Kala #258					
WO # 1641	TOTAL	VOLTS 12.4	AMPS 22.6	OHMS .55	DATE 9-21-91	NAME L.S.E.

REMARKS (notes for construction log)

water is at 265' Lit 10' x 8' c/c (empty)
Perforated bottom 320' from 2nd anode

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	3.4		490			685			
105			300	2.9	-10	495			690			
110			305	2.9		500			695			
115			310	3.2	-9	505			700			
120			315	2.8		510			ANODE	DEPTH	NO.	FULLY
125			320	2.8	-7	515			*		COKE	COKE'D
130			325	2.5		520			1	396	3.0	5.2
135			330	2.9		525			2	386	2.6	5.7
140			335	2.8	-7	530			3	375	2.9	5.7
145			340	2.6		535			4	365	3.3	6.0
150			345	3.4	-6	540			5	355	3.1	5.8
155			350	3.3		545			6	345	3.1	5.8
160			355	3.2	-5	550			7	335	3.0	5.6
165			360	3.5		555			8	320	2.8	5.3
170			365	3.2	-4	560			9	310	3.2	5.7
175			370	3.0		565			10	300	3.0	5.7
180			375	2.8		570			11	290	3.4	6.3
185			380	2.7		575			12	280	3.0	6.2
190			385	2.5	-2	580			13			
195			390	3.0		585			14			
200			395	3.0		590			15			
205			400	2.6		595			16			
210			405	2.2		600			17			
215			410	2.5		605			18			
220			415	2.2		610			19			
225			420	2.3		615			20			
230			425	3.1		620			21			
235			430	3.1		625			22			
240			435	TD	435	630			23			
245			440			635			24			
250	2.9		445			640			25			
255	3.1		450			645			26			
260	3.0		455			650			27			
265	2.5		460			655			28			
270	2.5		465			660			29			
275	2.4		470			665			30			
280	2.7	-12	475			670						
285	3.7		480			675						
290	3.5	-11	485			680						

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

API WATER ANALYSIS REPORT FORM

2288W

Laboratory No. 25911008-1H

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-21-91</u>	
Field		Legal Description <u>M-22-31-5</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>ROSA 258</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>WATER TABLE</u>		Sampled By <u>L.S.E</u>	
		Formation <u>G.B.</u>		Water, B/D	
				State <u>N.M.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>2200</u>	<u>97</u>
Calcium, Ca	<u>20</u>	<u>1.0</u>
Magnesium, Mg	<u>2.4</u>	<u>0.2</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>1600</u>	<u>45</u>
Sulfate, SO_4	<u>58</u>	<u>1.2</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>3100</u>	<u>52</u>

OTHER PROPERTIES

pH 7.9
 Specific Gravity, 60/60 F. 1.0056
 Resistivity (ohm-meters) 62 ° F.
1.20

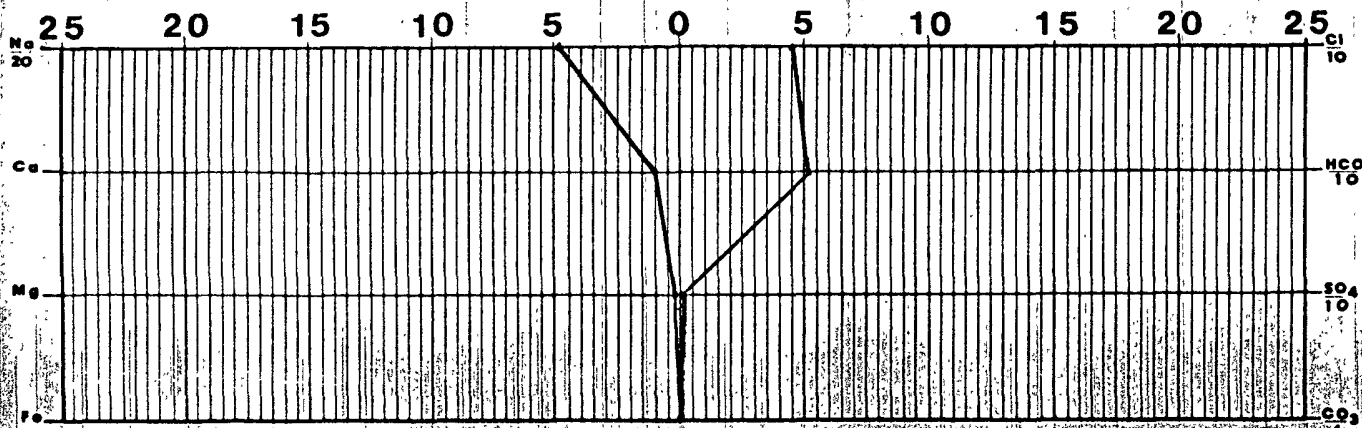
Total Dissolved Solids (calc.) 7,000

Iron, Fe (total)
 Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



TECH, Inc.
 333 East Main
 Farmington
 New Mexico
 87401
 505/327-3311



Date Received <u>10/8/91</u>	Preserved <u>No</u>	Date Analyzed <u>10/2 - 10/2/91</u>	Analyzed By <u>ES</u>
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