

535 521-30-039-24866 29-30-039-07615 E
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO 3046

Operator Meridian Oil Inc Location: Unit L Sec. 13 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced San Juan 29-7 #521 and

San Juan 29-7 #29

Elevation Completion Date 9-12-91 Total Depth 463 Land Type P

Casing Strings, Sizes, Types & Depths 8" P.V.C. set to 100'

If Casing Strings are cemented, show amounts & types used 23 sacks
of neat cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used
no plugs

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. water is at 210' and is clear

Depths gas encountered: no gas

Ground bed depth with type & amount of coke breeze used: 463' with
75 sacks of Asbury 4518

Depths anodes placed: #1 is at 45.0' #12 is at 245'

Depths vent pipes placed: 463' to surface

Vent pipe perforations: perforated up to 190'

Remarks:

RECEIVED
FEB 24 1992

OIL CON. DIV.

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

CPB# 04-W	P/L NAME(s), NUMBER(s) S.T 29-7 # 29, #521					
WO # J825	TOTAL	VOLTS 11.77	AMPS 15.4	- OHMS .76	DATE 9-15-91	NAME R. Smith
REMARKS (notes for construction log) H ₂ O at 210' sent pipe.						
2" is perforated up to 190'						
280						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.3		490			685			
105			300	.4		495			690			
110			305	.4		500			695			
115			310	.6		505			700			
120			315	1.0		510			ANODE	DEPTH	NO	FULLY
125			320	1.5		515			*		COKE	COK'D
130			325	1.7		520			1	450	1.5	4.1
135			330	1.7		525			2	443	1.6	4.1
140			335	1.7		530			3	436	1.5	3.9
145			340	1.2		535			4	372	1.8	4.3
150			345	1.2		540			5	365	1.4	4.2
155			350	1.3		545			6	358	1.2	4.1
160			355	1.3		550			7	351	1.4	4.3
165			360	1.0		555			8	344	1.3	4.3
170			365	1.2		560			9	337	1.4	4.5
175			370	1.5		565			10	330	1.7	4.8
180	.5		375	1.7		570			11	323	1.8	4.7
185	1.1		380	.6		575			12	245	1.4	3.6
190	.9		385	.5		580			13			
195	.9		390	.5		585			14			
200	.9		395	.4		590			15			
205	.8		400	.3		595			16			
210	1.0		405	.1		600			17			
215	1.1		410	.1		605			18			
220	.8		415	1.0		610			19			
225	.6		420	1.1		615			20			
230	.5		425	.9		620			21			
235	.4		430	.8		625			22			
240	.9		435	1.2		630			23			
245	1.3		440	1.6		635			24			
250	.5		445	1.5		640			25			
255	.3		450	1.3		645			26			
260	.3		455	1.1		650			27			
265	.3		460	1.0		655			28			
270	.3		465	TD463		660			29			
275	.3		470			665			30			
280	.3		475			670						
285	.3		480			675						
290	.3		485			680						

DISTRIBUTION - original - permanent CPB FILE

copy - Division Corrosion Supervisor

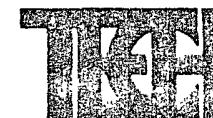
copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

304W

Laboratory No. 25910916-2J

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9/12/91</u>	
Field		Legal Description <u>L13-29-7</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>SJ 29-7 #521</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>GROUND BED</u>	
Sampling Point <u>WATER TABLE</u>		Water, B/D		Sampled By <u>R. SMITH</u>	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>340</u>	<u>15</u>
Calcium, Ca	<u>260</u>	<u>13</u>
Magnesium, Mg	<u>15</u>	<u>1.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.6</u>
Specific Gravity, 60/60 F.	<u>1.0227</u>
Resistivity (ohm-meters) <u>66° F.</u>	<u>5.00</u>

Total Dissolved Solids (calc.)

2000.

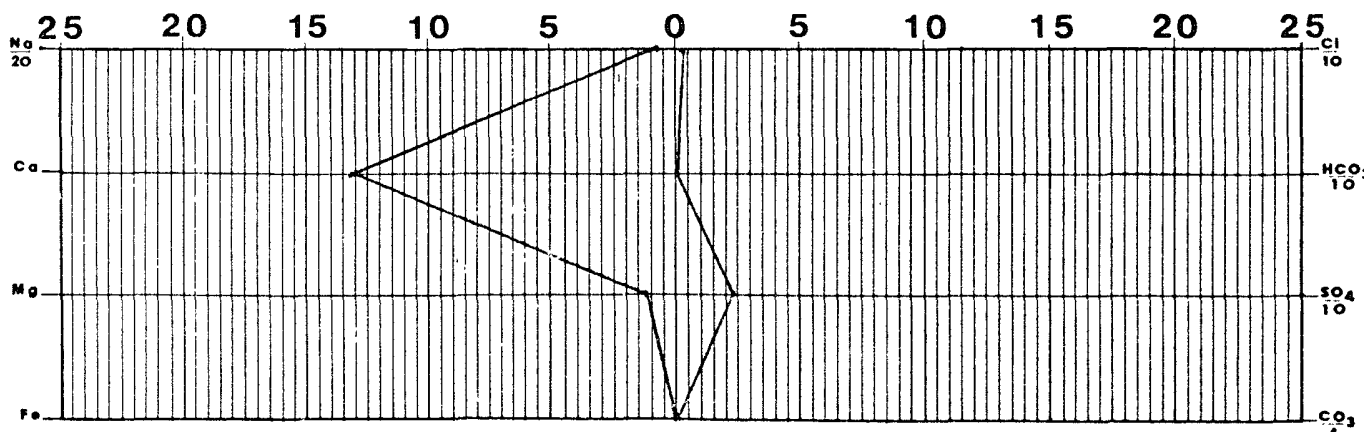
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>1100</u>	<u>23</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>160</u>	<u>2.6</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>[Signature]</u>
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