

#113-M 30-039-23959

#569 30-039-24906

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

Operator Mexican Oil Location: Unit H Sec. 29 Twp 29 Rng 7

Name of Well/Well's or Pipeline Serviced San Juan 29-7 # 569

San Juan 29-7 # 113 m CPS# 0235-W

Elevation 6511 Completion Date 4-15-91 Total Depth 280 Land Type F

Casing Strings, Sizes, Types & Depths 100" sch 40 8" PVC

If Casing Strings are cemented, show amounts & types used

23 sacks of 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. 100' fresh

RECEIVED

FEB 24 1992

Depths gas encountered: NO

OIL CON. DIV

Ground bed depth with type & amount of coke breeze used: DIST. 3

280' Ashberg, 43 sacks

Depths anodes placed:

Depths vent pipes placed: 240'

Vent pipe perforations: 1" apart, perforated bottom 160'

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

CPS#	P/L NAME(s), NUMBER(s)					
2235-W	San Juan 29-7 #567 = 113 m					
WO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
MO-9		12.62	21.2	.46	9-18-91	L.S.E.
REMARKS (notes for construction log)						
Water at 100' Lat 100' of 5" PVC casing.						
Terminated bottom 160' of vent pipe.						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	3.8		295			490			685			
105	2.5		300			495			690			
110	3.6		305			500			695			
115	2.3		310			505			700			
120	2.3		315			510			ANODE	DEPTH	NO	FULLY
125	2.6	12	320			515			*		COKE	COKE'D
130	2.5		325			520			1	250	3.2	7.1
135	3.4	11	330			525			2	240	3.0	7.7
140	2.9		335			530			3	230	3.2	8.5
145	3.3	10	340			535			4	220	3.2	7.7
150	3.4		345			540			5	210	3.3	6.7
155	3.0	9	350			545			6	185	2.3	5.1
160	2.8		355			550			7	175	2.6	6.0
165	2.4	5	360			555			8	166	2.7	5.8
170	3.0		365			560			9	155	3.0	6.4
175	2.8	7	370			565			10	145	3.2	6.9
180	2.4		375			570			11	135	3.3	7.9
185	2.3	6	380			575			12	125	2.5	7.2
190	1.7		385			580			13			
195	1.8		390			585			14			
200	1.8		395			590			15			
205	1.9		400			595			16			
210	3.5	5	405			600			17			
215	3.1		410			605			18			
220	3.1	4	415			610			19			
225	3.1		420			615			20			
230	3.4	3	425			620			21			
235	3.5		430			625			22			
240	3.0	2	435			630			23			
245	3.1		440			635			24			
250	3.2	1	445			640			25			
255	2.4		450			645			26			
260	2.0		455			650			27			
265	1.9		460			655			28			
270	1.4		465			660			29			
275	1.2		470			665			30			
280	TD	280	475			670						
285			480			675						
290			485			680						

DISTRIBUTION - original - permanent CPS FILE.

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPC FORM

2235W

Laboratory No. 25910930-1C

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-18-91</u>	
Field		Legal Description <u>H-29-29-7</u>		County or Parish <u>RIO ARriba</u>	
State <u>N.M.</u>		Lease or Unit		Well <u>SJ 29-7 #569</u>	
Depth		Formation <u>G.B.</u>		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>WATER TABLE</u>		Sampled By <u>L.S.E.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>580</u>	<u>25</u>
Calcium, Ca	<u>410</u>	<u>20</u>
Magnesium, Mg	<u>8.5</u>	<u>0.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.3</u>
Specific Gravity, 60/60 F.	<u>1.0039</u>
Resistivity (ohm-meters) <u>70</u> F.	<u>3.15</u>

Total Dissolved Solids (calc.)

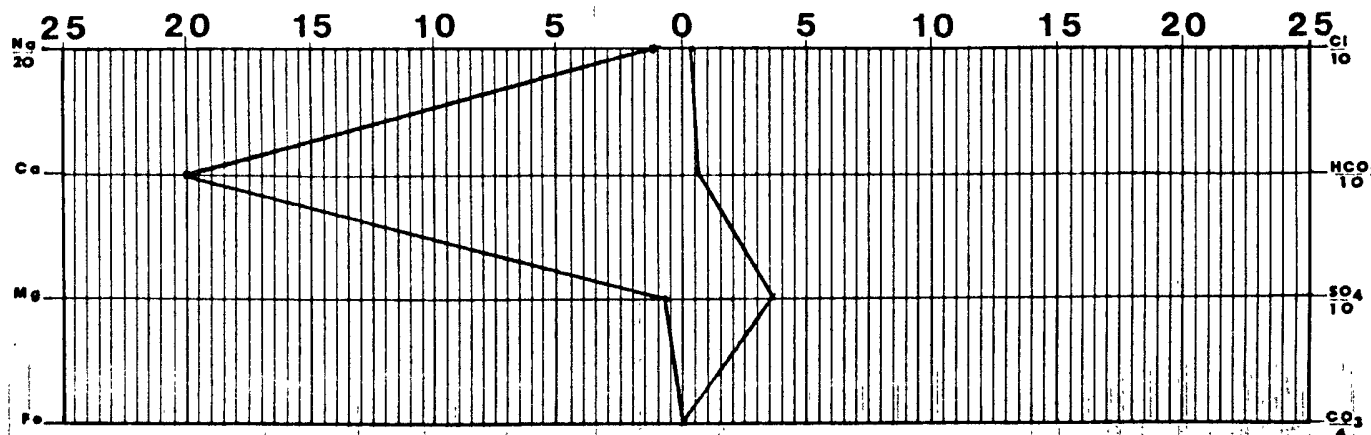
3200.

ANIONS

Chloride, Cl	<u>110</u>	<u>3.0</u>
Sulfate, So ₄	<u>1700</u>	<u>36</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>410</u>	<u>6.7</u>

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>9/30/91</u>	Preserved <u>No</u>	Date Analyzed <u>9/30-10/1/91</u>	Analyzed By <u>ES</u>
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