

10- 30-039-07338 472- 30-039-25000
114- 30-039-07335
DATA SHEET FOR DEEP GROUND-BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO 1168W

Operator Meridian Oil Location: Unit B Sec. 25 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced J. J. 28-6 # 472, 10, 114

Elevation 659' Completion Date 8-20-91 Total Depth 322 Land Type F

Casing Strings, Sizes, Types & Depths 80' 40' 8" PVC

If Casing Strings are cemented, show amounts & types used

18 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. 120' fresh

RECEIVED
FEB 24 1992

Depths gas encountered: NO

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

OIL CON. DIV.
DIST. 3

322' Ashbury 44 sacks

Depths anodes placed: 305, 285, 275, 265, 215, 205, 195, 164, 155, 145, 136, 126

Depths vent pipes placed: 322'

Vent pipe perforations: 1' apart, perforated bottom 225'

Remarks: _____

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)					
1168-W	5.J.28-6 # 472					
#	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
M 571		11.62	22.0	.53	8-20-91	L.S.E.

REMARKS (notes for construction log)

Water at 120' Set 80' of 8" PVC casing
Perforated bottom 225'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	***		ANODE	***		ANODE	***		ANODE	***	
100	.5		295	1.7		490			685			
105	.6		300	2.1		495			690			
110	.5		305	2.7	- 1	500			695			
115	.4		310	1.9		505			700			
120	.6		315	2.2		510			ANODE	DEPTH	NO	FULLY
125	2.3	- 12	320	TD	322	515			***		COKE	COK'D
130	3.3		325			520			1	305	2.6	5.9
135	2.8	- 11	330			525			2	285	2.2	5.4
140	2.8		335			530			3	275	2.1	5.3
145	3.1	- 10	340			535			4	265	1.9	5.0
150	2.7		345			540			5	215	2.3	5.1
155	3.1	- 9	350			545			6	205	2.8	5.9
160	2.5		355			550			7	195	2.1	4.9
165	1.7	- 8	360			555			8	164	2.0	5.2
170	.7		365			560			9	155	3.1	7.3
175	.6		370			565			10	145	3.0	7.9
180	1.0		375			570			11	136	2.8	7.9
185	1.3		380			575			12	126	2.8	6.8
190	2.1		385			580			13			
195	2.1	- 7	390			585			14			
200	2.1		395			590			15			
205	2.8	- 6	400			595			16			
210	2.7		405			600			17			
215	2.1	- 5	410			605			18			
220	1.3		415			610			19			
225	1.0		420			615			20			
230	.9		425			620			21			
235	.8		430			625			22			
240	1.4		435			630			23			
245	1.3		440			635			24			
250	1.3		445			640			25			
255	1.2		450			645			26			
260	1.8		455			650			27			
265	1.9	- 4	460			655			28			
270	1.9		465			660			29			
275	2.0	- 3	470			665			30			
280	2.0		475			670						
285	1.9	- 2	480			675						
290	1.2		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

 Laboratory No. 25910830-10

Company <u>MERIDIAN OIL</u>		Sample No. <u>1168W</u>		Date Sampled <u>8/20/91</u>	
Field		Legal Description <u>B-25-28-6</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>SJ 28-6 #472</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>G.B. water table</u>	
Sampling Point <u>GROUND BED</u>		Water, B/D		Sampled By <u>L.S.E.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>610</u>	<u>27</u>
Calcium, Ca	<u>30</u>	<u>1.5</u>
Magnesium, Mg	<u>0</u>	<u>0</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.1</u>
Specific Gravity, 60/60 F.	<u>1.0030</u>
Resistivity (ohm-meters) <u>70° F.</u>	<u>4.90</u>

Total Dissolved Solids (calc.)

2,000

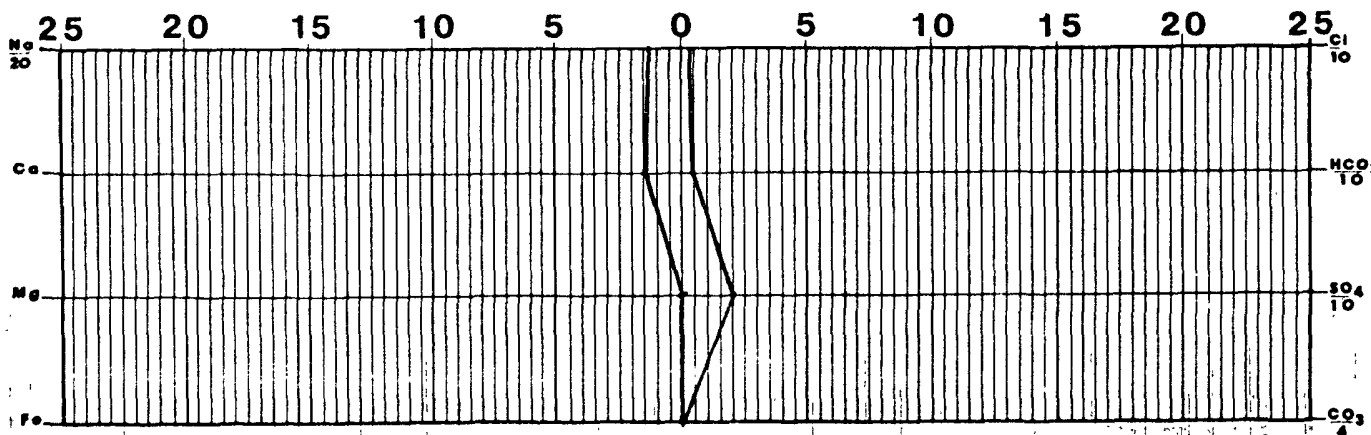
ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>960</u>	<u>20</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>280</u>	<u>4.6</u>

Iron, Fe (total)

 Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>[Signature]</u>
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