

300-30-045-26877

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

Operator MERIDIAN OIL Location: Unit K Sec. 32 Twp. 31 Rng. 8

Name of Well/Wells or Pipeline Serviced EPNG Com A #300

Elevation 6269 Completion Date 7-31-91 Total Depth 504' Land Type F

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

If Casing Strings are cemented, show amounts & types used 24 SACKS

NEAT 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. FRESH 150

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 504' with

150 (50lbs) BAGS Asbury 4518 Flo Cork

Depths anodes placed: 489, 481, 473, 465, 457, 449, 441, 410, 400, 390, 380, 340

Depths vent pipes placed: 504

Vent pipe perforations: 100' TO BOTTOM

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#	P/L NAME(S), NUMBER(S)					
2174.4	EDUG Com A #300					
#	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
I220		11.62	191	.61	7-31-91	MRce

REMARKS (notes for construction log)

100' 8" Surface CASING 24 SACS

CEMENT Pulled 505 TO 504 509' 1" PVC perforated bottom 400

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.8		490	3.0		685			
105			300	1.9		495	2.6		690			
110			305	1.1		500	2.6		695			
115			310	1.2		505	504		700			
120			315	1.2		510			ANODE	DEPTH	NO	FULL
125			320	1.2		515			*		COKE	COKE
130			325	1.3		520			1	489	2.8	5.5
135			330	1.5		525	481		2	480	3.5	6.5
140			335	1.9		530	473		3	471	4.0	6.9
145			340	2.3		535	465		4	462	3.9	6.3
150			345	1.9		540	457		5		3.6	6.1
155			350	1.6		545	449		6		3.9	5.6
160			355	1.6		550	441		7		2.5	4.3
65			360	1.7		555			8	416	1.7	3.7
170			365	1.7		560			9	400	1.9	6.5
175			370	1.9		565			10	390	2.2	4.8
180			375	2.2		570			11	380	2.4	4.7
185			380	2.5		575			12	340	2.2	4.3
190			385	2.3		580			13			
195			390	2.3		585			14			
200			395	2.3		590			15			
205	1.0		400	2.0		595			16			
210	1.3		405	1.8		600			17			
215	1.4		410	1.9		605			18			
220	1.5		415	1.7		610			19			
225	1.3		420	1.5		615			20			
230	.9		425	1.3		620			21			
235	.9		430	1.2		625			22			
240	.7		435	1.1		630			23			
245	.5		440	1.0		635			24			
250	.4		445	3.2		640			25			
255	.4		450	4.0		645			26			
260	.5		455	4.6		650			27			
265	.5		460	3.9		655			28			
270	.4		465	4.0		660			29			
275	.4		470	4.0		665			30			
280	.6		475	4.2		670						
285	.6		480	4.0		675						
30	.6		485	3.4		680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910801-1E

2174W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/31/91</u>	
Field		Legal Description <u>K 32-31-8</u>		County or Parish <u>SAN JUAN</u>	
State <u>N.M.</u>		Lease or Unit		Well <u>EPNG COMA #300</u>	
Depth <u>150'</u>		Formation <u>FC</u>		Water, B/D	
Type of Water (Produced, Supply, etc.) <u>GROUND BED</u>		Sampling Point		Sampled By <u>MTRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>390</u>	<u>1.7</u>
Calcium, Ca	<u>360</u>	<u>1.8</u>
Magnesium, Mg	<u>120</u>	<u>1.0</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.2</u>
Specific Gravity, 60/60 F.	<u>1.0047</u>
Resistivity (ohm-meters) <u>63</u> F.	<u>3.85</u>

Total Dissolved Solids (calc.)

3100.

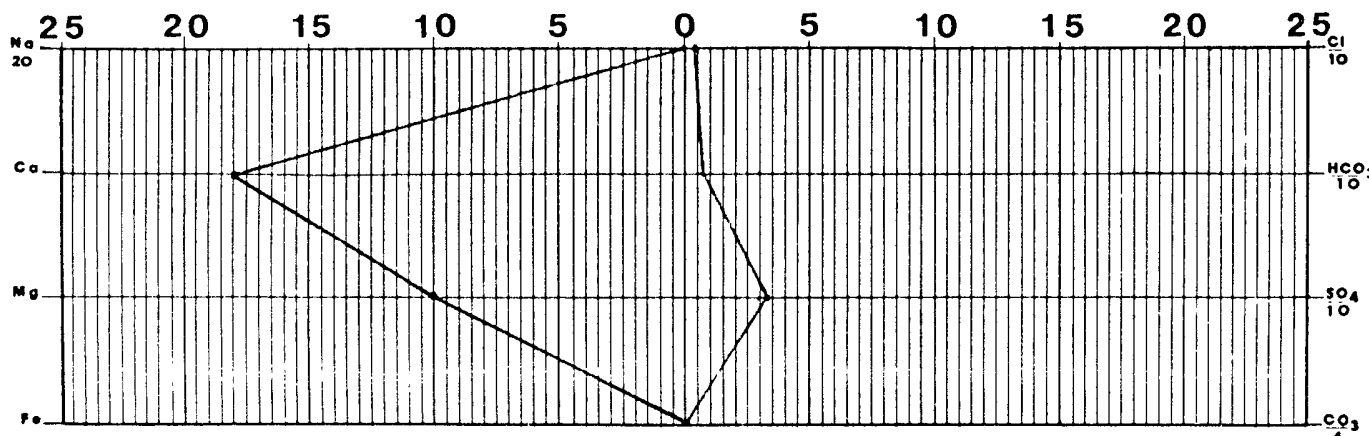
ANIONS

Chloride, Cl	<u>150</u>	<u>4.2</u>
Sulfate, SO_4	<u>1600</u>	<u>3.3</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>480</u>	<u>7.9</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date F <u>8/01/91</u>	ved <u>NO</u>	Date Analyzed <u>08/05/91</u>	Analyzed By <u>ES</u>
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