

610
30-039-25002
E 2232W
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit H Sec. 27 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced 5.5.28-6 #419

Elevation 6609 Completion Date 8-21-91 Total Depth 501 Land Type F

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

If Casing Strings are cemented, show amounts & types used

21 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. 160' fresh

RECEIVED
FEB 24 1992

Depths gas encountered: NO OIL CON. DIV.

DIST. 3

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

501' Ashbury 73 sacks

Depths anodes placed: 463' 454' 445' 284' 274' 260' 251' 241' 205' 195' 185' 170'

Depths vent pipes placed: 501'

Vent pipe perforations: 1' apart, perforated bottom 400'

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# 2232	P/L NAME(s), NUMBER(s) J.J. 28-6 # 419					
* L977	TOTAL	VOLTS 12.75	AMPS 20.7	- OHMS .61	DATE 8-21-91	NAME L.S.E.

REMARKS (notes for construction log)

Water at 160' Set 100' of 8" PVC casing
Perforated bottom 400'

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.2		490	1.1		685			
105			300	1.1		495	1.0		690			
110			305	.9		500	T.D.	501	695			
115			310	.9		505			700			
120			315	.8		510			ANODE	DEPTH	NO	FULLY
125			320	.7		515			*		COKE	COK' D
130			325	.6		520			1	463	1.9	5.3
135			330	.6		525			2	454	2.4	5.9
140			335	.5		530			3	445	2.1	5.3
145			340	.6		535			4	284	1.9	5.9
150			345	.6		540			5	274	2.6	6.5
155			350	.5		545			6	260	2.1	6.1
160	1.4		355	.6		550			7	251	2.1	6.2
165	1.6		360	.9		555			8	241	2.2	5.8
170	1.9	- 12	365	1.3		560			9	205	1.8	5.2
175	1.6		370	1.0		565			10	195	2.2	5.7
180	1.7		375	.9		570			11	185	2.4	6.0
185	2.3	- 11	380	.7		575			12	170	2.0	5.3
190	1.9		385	.7		580			13			
195	2.0	- 10	390	.8		585			14			
200	1.8		395	.8		590			15			
205	1.7	- 9	400	1.0		595			16			
210	1.0		405	1.1		600			17			
215	.8		410	1.0		605			18			
220	.8		415	.8		610			19			
225	.7		420	.8		615			20			
230	.7		425	.8		620			21			
235	.8		430	1.0		625			22			
240	1.7	- 8	435	1.0		630			23			
245	2.4		440	1.3		635			24			
250	2.0	- 7	445	1.9	- 3	640			25			
255	1.8		450	2.4		645			26			
260	1.9	- 6	455	2.3	- 2	650			27			
265	1.4		460	2.3		655			28			
270	1.5		465	1.6	- 1	660			29			
275	2.4	- 5	470	1.4		665			30			
280	2.2		475	1.6		670						
285	1.7	- 4	480	1.0		675						
290	1.3		485	.8		680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910830-1M

Company <u>MERIDIAN OIL</u>		Sample No. <u>2232W</u>	Date Sampled <u>8/21/91</u>
Field <u>H-27-28-6</u>	Legal Description <u>H-27-28-6 #419</u>	County or Parish <u>JAN TOWN</u>	State <u>N.M.</u>
Lease or Unit <u>5528-6 #419</u>	Well <u>5528-6 #419</u>	Depth <u>61.6 water table</u>	Water, B/D
Type of Water (Produced, Supply, etc.) <u>GROUNDWATER</u>		Formation <u>G.B. water table</u>	Sampled By <u>L.S.E.</u>



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

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.)
Calcium, Ca
Magnesium, Mg
Barium, Ba

mg/l
460
120
2.4

me/l
20
6.0
0.2

OTHER PROPERTIES

pH
Specific Gravity, 60/60 F.
Resistivity (ohm-meters)

7.7
1.0030
5.30

ANIONS

Chloride, Cl
Sulfate, SO_4
Carbonate, CO_3
Bicarbonate, HCO_3

120
980
0
110

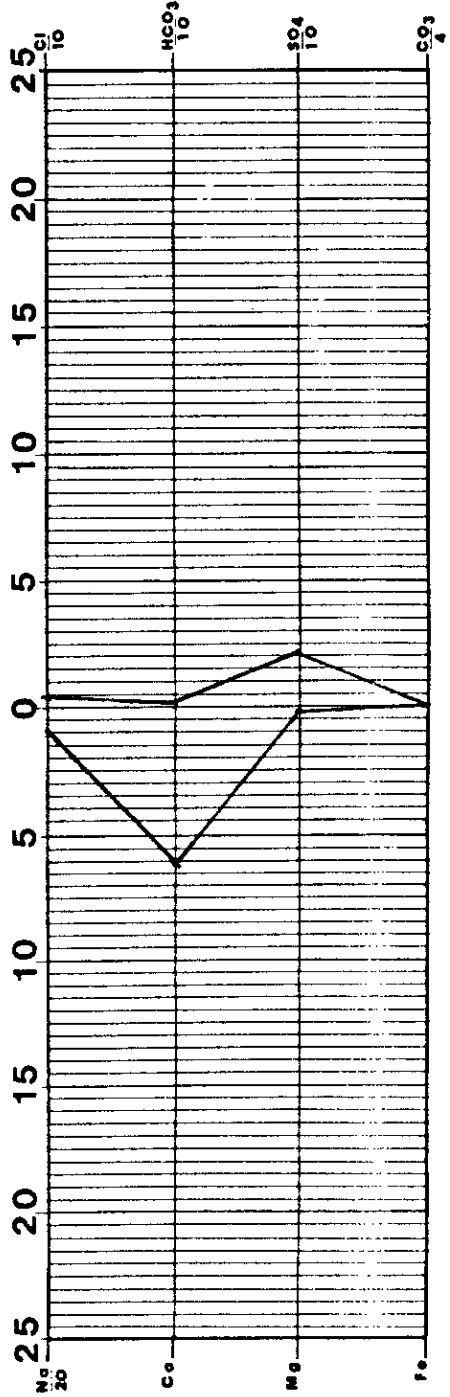
Iron, Fe (total)
Sulfide, as H_2S

3.5
21
0
1.8

Total Dissolved Solids (calc.)

1800

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>No</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>ES</u>
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