581 - 30-039-24914
85 - 30-039-07694

529

E

0/32 cj

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

Operator Meridian Location: Unit K Sec. 1 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SJ 29-7 #581 & #85

Elevation 6796 Completion Date 8-12-91 Total Depth _____ Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC CASING (surface) 80'

If Casing Strings are cemented, show amounts & types used Yes, 17 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 80' DEEP

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 339'; with 100 bags of Asbury 4515 Flo Coke

Depths anodes placed: 290, 235, 225, 215, 205, 195, 185, 175, 165, 135, 125, 115

Depths vent pipes placed: 339

Vent pipe perforations: bottom 280'

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)					
[redacted]	TOTAL	VOLTS 11.47	AMPS 22.9	= OHMS .50	DATE 8-12-91	NAME MRW

REMARKS (notes for construction log) 80' CASING, 17 BAGS CEMENT

H_2O 80' CAUGHT SAMPLE 100 BAGS 4518 FLO COKE

PERFORATED BOTTOM 280'

80 1.7
85 1.5
90 2.5
95 2.6

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	2.5		295	2.6		490			685			
105	3.4		300	2.0		495			690			
110	4.7		305	1.3		500			695			
115	4.8-		310	1.1		505			700			
120	5.0		315	1.0		510			ANODE #	DEPTH	NO COKE	FULLY COKED
125	4.6-		320	.8		515						
130	3.8		325	.8		520			1	290	3.3	5.2
135	3.0		330	.5		525			2	235	3.1	5.9
140	2.3		335	.7		530			3	225	3.5	6.3
145	1.9		340	339	TD	535			4	215	3.5	5.8
150	1.9		345			540			5	205	3.7	5.9
155	2.3		350			545			6	195	3.6	6.2
160	3.1		355			550			7	185	3.2	6.6
165	4.1-		360			555			8	175	3.8	6.7
170	4.2		365			560			9	165	4.4	7.2
175	3.7-		370			565		135	10	~~155~~	2.3	6.5
180	3.3		375			570		125	11	~~145~~	4.7	5.2
185	3.0-		380			575		115	12	~~135~~	1.9	5.9
190	3.3		385			580			13			
195	3.4-		390			585			14			
200	2.9		395			590			15			
205	3.3-		400			595			16			
210	2.9		405			600			17			
215	3.5-		410			605			18			
220	3.7		415			610			19			
225	3.5-		420			615			20			
230	3.6		425			620			21			
235	3.0-		430			625			22			
240	2.6		435			630			23			
245	2.6		440			635			24			
250	2.2		445			640			25			
255	2.2		450			645			26			
260	2.1		455			650			27			
265	2.1		460			655			28			
270	2.1		465			660			29			
275	2.4		470			665			30			
280	2.7		475			670						
[redacted]	3.2		480			675						
[redacted]	3.2		485			680						

DISTRIBUTION – original – permanent CPS FILE
copy – Division Corrosion Supervisor
copy – Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1F

Company	Sample No.	Date Sampled
MERIDIAN OIL	0132W	8/12/91

Field	Legal Description	County or Parish	State
	K1-29-7	SAN JUAN	N.M.

Lease or Unit	Well	Depth	Formation	Water, B/D
	SJ 29-7 #581		FC	

Type of Water (Produced, Supply, etc.)	Sampling Point	Sampled By
	GROUND BED 80'	PTRW

DISSOLVED SOLIDS

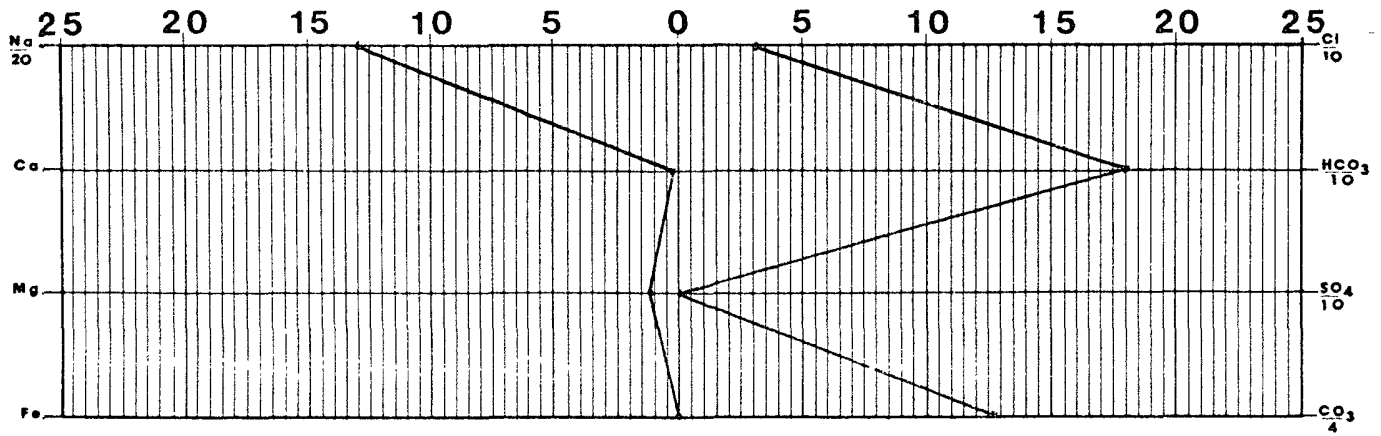
CATIONS	mg/l	me/l
Sodium, Na (calc.)	6000	260
Calcium, Ca	40	0.2
Magnesium, Mg	15	1.2
Barium, Ba		

ANIONS		
Chloride, Cl	1100	31
Sulfate, So_4	19	0.4
Carbonate, CO_3	1500	51
Bicarbonate, HCO_3	11000	180

OTHER PROPERTIES

pH	9.1
Specific Gravity, 60/60 F.	1.0160
Resistivity (ohm-meters) 74° F.	0.50
Total Dissolved Solids (calc.)	20,000
Iron, Fe (total)	
Sulfide, as H_2S	

REMARKS & RECOMMENDATIONS:



Date Received	Preserved	Date Analyzed	Analyzed By
08/16/91	No	08/16/91	EJ

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