

#8. 30-045-10758

#718 30-045-28092

714

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

627600

Operator Meridian Oil Co. Location: Unit B Sec. 14 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced Seymour #718 + #8

Elevation 6477' Completion Date 6-30-91 Total Depth 345' Land Type F

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

If Casing Strings are cemented, show amounts & types used yes - 20 sacks

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NA

Depths & thickness of water zones with description of water, Fresh, Clear, Salty, Sulphur, Etc. Water at 150' - Fresh

RECEIVED

FEB 24 1992

OIL CON. DIV. I
DIST 3

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 345' - Gr. Bed Depth

Loresco SW Coke From 115' to 345' (46) Bags

Depths anodes placed: #1-329', #2-320', #3-310', #4-300', #5-290', #6-245', #7-214', #8-205', #9-1,

Depths vent pipes placed: 345' to Surface #10-185', #11-175', #12-166'

Vent pipe perforations: From 45' to 345'

Remarks: No gas encountered on drilling of ground bed.
Water Sample taken at 150'

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

B-14, 3/1/9

CPS# 6276	P/L NAME(s), NUMBER(s) Seymour # 718					
* L953	TOTAL	VOLTS 12.51	AMPS 17.0	OHMS .73	DATE 6-30-91	NAME David D Ashworth

REMARKS (notes for construction log)

H₂O at 150'

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	1.5		295	2.5		490			685			
105	1.0		300	2.9	4	495			690			
110	.8		305	2.4		500			695			
115	1.2		310	2.4	3	505			700			
120	2.0		315	2.5		510			ANODE	DEPTH	NO.	FULLY
125	2.1		320	2.7	2	515			*		COKE	COKE'D
130	1.5		325	2.2		520			1	329	2.0	3.9
135	1.4		330	1.6	1	525			2	320	2.5	4.9
140	1.6		335	1.1		530			3	310	2.7	4.8
145	1.2		340	1.0		535			4	300	2.9	4.9
150	1.1		345	TD 345		540			5	290	2.7	4.6
155	1.2		350			545			6	245	1.9	3.0
160	1.5		355			550			7	214	2.5	4.8
5	2.0	12	360			555			8	205	3.1	5.0
10	3.1		365			560			9	195	2.7	4.9
175	3.0	11	370			565			10	185	3.0	5.1
180	2.9		375			570			11	175	3.1	5.0
185	2.9	10	380			575			12	166	2.7	4.3
190	2.7		385			580			13			
195	2.5	9	390			585			14			
200	2.4		395			590			15			
205	2.8	8	400			595			16			
210	2.8		405			600			17			
215	1.6	7	410			605			18			
220	1.2		415			610			19			
225	.9		420			615			20			
230	.9		425			620			21			
235	1.4		430			625			22			
240	1.8		435			630			23			
245	1.8	6	440			635			24			
250	1.4		445			640			25			
255	.8		450			645			26			
260	.7		455			650			27			
265	.7		460			655			28			
270	.9		465			660			29			
275	1.0		470			665			30			
280	1.2		475			670						
285	1.7		480			675						
9	2.0	5	485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910710-11

Company <u>Meridian Oil Co</u>		Sample No.		Date Sampled <u>6-30-91</u>	
Field		Legal Description <u>B-14 31-9</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>SEYMOUR #718</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>C.P. Ge. Bed</u>		Sampling Point		Formation <u>COAL SEAM</u>	
				Water, B/D	
				State <u>N.M.</u>	
				Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3000</u>	<u>130</u>
Calcium, Ca	<u>8</u>	<u>0.4</u>
Magnesium, Mg	<u>22</u>	<u>1.8</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>920</u>	<u>26</u>
Sulfate, So ₄	<u>790</u>	<u>16</u>
Carbonate, CO ₃	<u>180</u>	<u>6</u>
Bicarbonate, HCO ₃	<u>4500</u>	<u>73</u>

Total Dissolved Solids (calc.)

9400

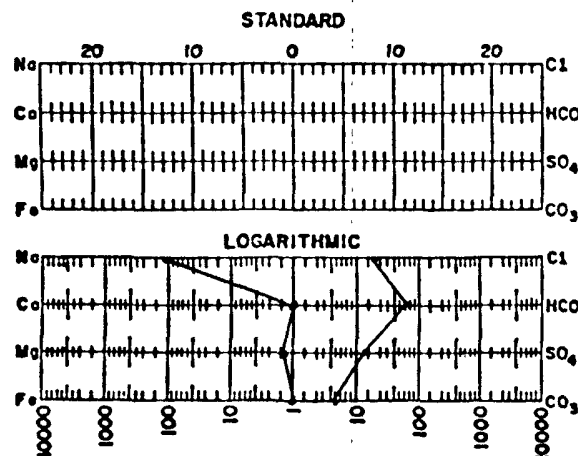
Iron, Fe (total)

Sulfide, as H₂S

OTHER PROPERTIES

pH	<u>8.3</u>
Specific Gravity, 60/60 F.	<u>1.0069</u>
Resistivity (ohm-meters) <u>49</u> F.	<u>1.2</u>

WATER PATTERNS — me/l



REMARKS & RECOMMENDATIONS:

Date Received <u>7-10-91</u>	Preserved <u>No</u>	Date Analyzed <u>7-1-91</u>	Analyzed By <u>ES</u>
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