

690

#8A 30-045-22371 E

#12 30-045-22987

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

2319W

Operator Meridian Oil Location: Unit 0 Sec. 7 Twp 31 Rng 9Name of Well/Wells or Pipeline Served Johnston Federal #8-A
CL # 12Elevation _____ Completion Date 10-20-91 Total Depth 421 Land Type FCasing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING
90' DEEPIf Casing Strings are cemented, show amounts & types used yes with
20 BAGS NEAT CEMENTIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NODepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Fresh 120'

Depths gas encountered: _____

Ground bed depth with type & amount of coke breeze used: 421' with
600 lbs of LOIESCO TYPE SW & Asbury 4518Depths anodes placed: 378, 369, 360, 351, 342, 333, 324, 315, 239, 205, 143
133Depths vent pipes placed: 421Vent pipe perforations: bottom 280

RECEIVED

FEB 24 1992

Remarks: _____

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)					DATE		NAME	
2319-W	Johnston Federal #8-A #12					10-20-91		MRW	
P #	TOTAL	VOLTS	AMPS	OHMS					
		12.63	20.7	.61					
REMARKS (notes for construction log)									
90' CASING, 20 BAGS CEMENT									
WATER AT 120' Drilled 420' LOGGED 421									
Perforated bottom 280'									
161 BAGS LORESCO									
DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#	
100			295	1.1		490			
105			300	1.2		495			
110			305	1.3		500			
115	1.7		310	1.7		505			
120	2.5		315	2.4		510			
125	4.0		320	2.8		515			
130	3.5		325	3.0		520			
135	3.1		330	2.9		525			
140	2.9		335	2.5		530			
145	2.4		340	2.2		535			
150	1.9		345	2.2		540			
155	1.5		350	2.6		545			
160	1.3		355	2.8		550			
165	.8		360	2.8		555			
170	.6		365	2.4		560			
175	.5		370	2.2		565			
180	.5		375	2.2		570			
185	.5		380	1.7		575			
190	.6		385	1.3		580			
195	1.4		390	.9		585			
200	1.5		395	.8		590			
205	2.0		400	.7		595			
210	1.3		405	.6		600			
215	1.1		410	.6		605			
220	1.1		415	.6		610			
225	1.2		420		421	615			
230	1.4		425			620			
235	1.9		430			625			
240	2.0		435			630			
245	1.7		440			635			
250	1.1		445			640			
255	1.0		450			645			
260	1.1		455			650			
265	1.1		460			655			
270	1.1		465			660			
275	1.8		470			665			
280	1.4		475			670			
285	1.1		480			675			
290	1.1		485			680			

DISTRIBUTION - original - permanent CPS FILE

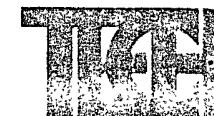
copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-91103-14

Company MERIDIAN OIL		Sample No.		Date Sampled 10-20-91	
Field 2319W		Legal Description 07-31-9		County or Parish San Juan	
Lease or Unit		Well JOHNSTON FED #8A		Depth 120'	
		Formation		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point Ground Bed		Sampled By MRW	



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

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	606	26.4
Calcium, Ca	197	9.85
Magnesium, Mg	22.5	1.35
Barium, Ba		

OTHER PROPERTIES

pH	7.16
Specific Gravity, 60/60 F.	1.0022
Resistivity (ohm-meters) 66 F.	8.4

Total Dissolved Solids (calc.)

2,730

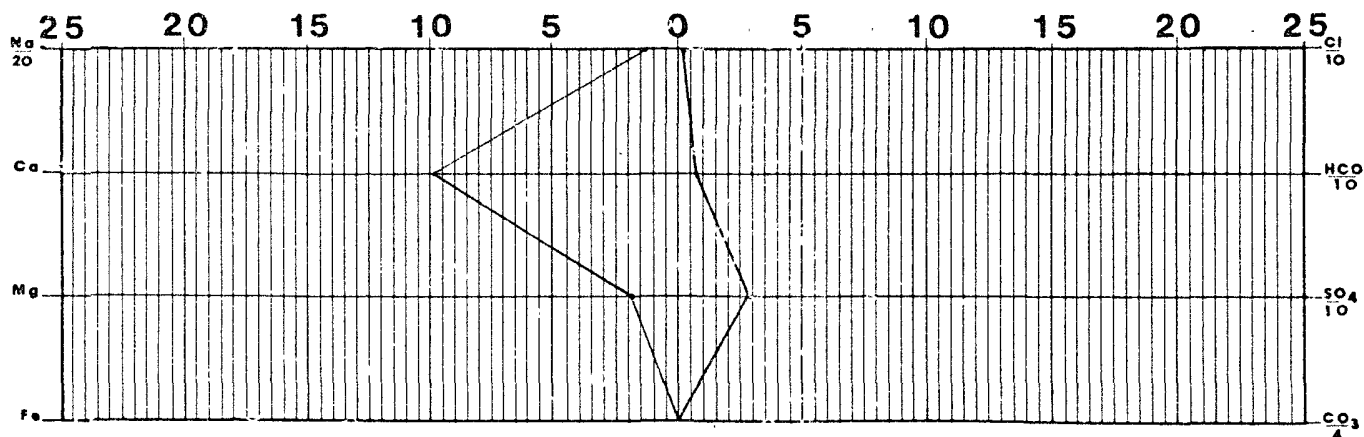
ANIONS

Chloride, Cl	64	1.3
Sulfate, SO ₄	1,400	29
Carbonate, CO ₃	-	-
Bicarbonate, HCO ₃	442	7.25

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

ATTN: DONOHUE



Date Received 8th Nov, 1991.	Preserved	Date Analyzed 9th Jan, 1992.	Analyzed By R.H.
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