

690

#8A 30-045-22371 E

#12 30-045-22487

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

2319W

Operator Meridian Oil Location: Unit 0 Sec. 7 Twp 31 Rng 9

Name of Well/Wells or Pipeline Served Johnston Federal #8-A

CL # 12

Elevation _____ Completion Date 10-20-91 Total Depth 421 Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING

90' DEEP

If Casing Strings are cemented, show amounts & types used yes with

20 BAGS 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 120'

Depths gas encountered: _____

Ground bed depth with type & amount of coke breeze used: 421' with

600 lbs of Loresco Type SW & Asbury 4518

Depths anodes placed: 378, 369, 360, 351, 342, 333, 324, 315, 239, 205, 143

Depths vent pipes placed: 421

Vent 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 (), NUMBER ()					Johnston FEDERAL # 8-A, #12	
P #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME	
		12.63	20.7	.61	10-20-91	MRW	
REMARKS (notes for construction log)							
90' CASING, 20 BAGS CEMENT							
WATER AT 120' Drilled 420', LOGGED 421							
Perforated bottom 280'							
101 BAGS Loresco							

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100			295	1.1		490			685			
105			300	1.2		495			690			
110			305	1.3		500			695			
115	1.7		310	1.7		505			700			
120	2.5		315	2.4		510			ANODE	DEPTH	NO	FULLY
125	4.0		320	2.8		515			*		COKE	COKE D
130	3.5		325	3.0		520			1	378	2.0	3.8
135	3.1		330	2.9		525			2	369	2.3	4.2
140	2.9		335	2.5		530			3	360	2.9	4.8
145	2.4		340	2.2		535			4	351	2.7	4.5
150	1.9		345	2.2		540			5	342	2.2	4.5
155	1.5		350	2.6		545			6	333	2.9	5.4
160	1.3		355	2.8		550			7	324	3.0	5.4
165	.8		360	2.5		555			8	315	3.3	4.5
170	.6		365	2.4		560			9	237	2.2	3.9
175	.5		370	2.2		565			10	205	2.1	3.8
180	.5		375	2.2		570			11	143	2.9	4.9
185	.5		380	1.7		575			12	133	3.3	5.6
190	.6		385	1.3		580			13			
195	1.4		390	.9		585			14			
200	1.5		395	.8		590			15			
205	2.0		400	.7		595			16			
210	1.3		405	.6		600			17			
215	1.1		410	.6		605			18			
220	1.1		415	.6		610			19			
225	1.2		420		421	615			20			
230	1.4		425			620			21			
235	1.9		430			625			22			
240	2.0		435			630			23			
245	1.7		440			635			24			
250	1.1		445			640			25			
255	1.0		450			645			26			
260	1.1		455			650			27			
265	1.1		460			655			28			
270	1.1		465			660			29			
275	1.8		470			665			30			
280	1.4		475			670						
285	1.1		480			675						
290	1.1		485			680						

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- Division Corrosion Supervisor

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- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-911103-14

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'	
Type of Water (Produced, Supply, etc.)		Sampling Point Ground Bcd		Water, B/D	
				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	1.85
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

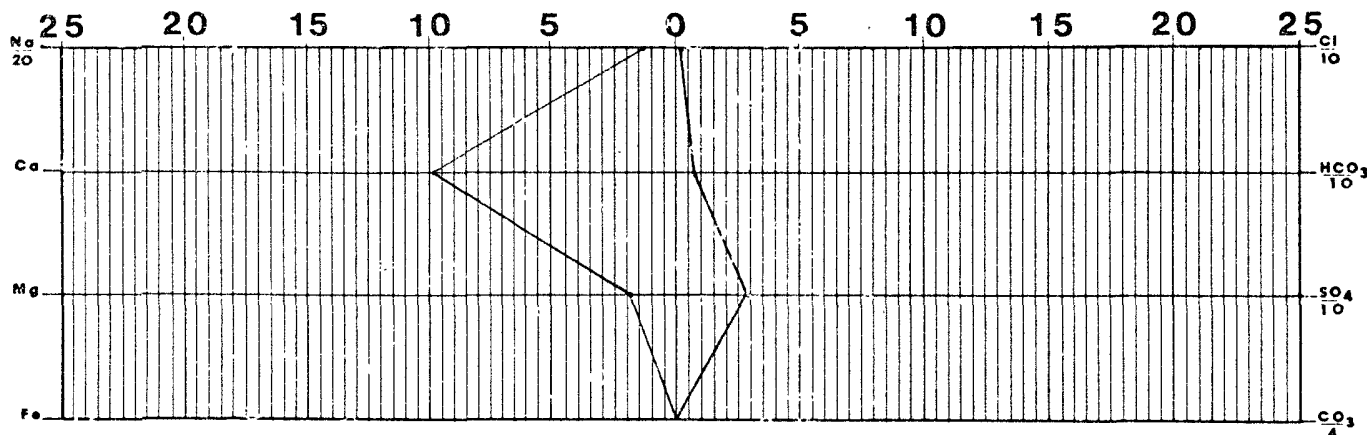
ANIONS

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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