

554

27-30-039-07442
93-30-039-20876

E

1115 W

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN Oil INC Location: Unit B Sec. 15 Twp 28 Rng 5Name of Well/Wells or Pipeline Serviced CAN JUAN 28-5-201 #93 #27Elevation 6651 Completion Date 7-27-91 Total Depth 350 Land Type _____Casing Strings, Sizes, Types & Depths 86' 8" PVC SURFACE CASINGIf Casing Strings are cemented, show amounts & types used 21 SACKS CLEAN 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. 80' FreshDepths gas encountered: NoGround bed depth with type & amount of coke breeze used: 350 w/ 104 SACKS of Ashbury 451B F10 COKEDepths anodes placed: 335' 315' 305' 285' 275' 265' 256' 246' 228' 200' 190' 180'Depths vent pipes placed: 350'Vent pipe perforations: BOTTOM 300'

Remarks: _____

RECEIVED

FEB 24 1992

OIL CON. DIV. J
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# 1115	P/L NAME(S), NUMBER(S) SAN JUAN 28-5-#201, #93, #27					
DATE 7-27-91	TOTAL 12.86	VOLTS 28.0	AMPS 46	OHMS 46	DATE 7-27-91	NAME W.R. MCGAHA
REMARKS (notes for construction log)						
86' 8" PVC SURFACE CASING CEMENTED w/ 21 SACKS CEMENT. H ₂ O @ approx 80'. Hole depth 350'. 104 SACKS Ashbury 4518 FLO COKE.						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	1.1		295	.6		490			685			
105	1.0		300	2.1		495			690			
110	.7		305	2.6	3	500			695			
115	.7		310	2.1		505			700			
120	1.4		315	2.3	2	510			ANODE	DEPTH	NO	FULLY
125	1.7		320	.6		515			*		COKE	COKE'D
130	1.1		325	.6		520			1	335	2.4	5.4
135	1.3		330	1.8		525			2	315	2.4	5.6
140	1.0		335	2.4	1	530			3	305	2.7	6.0
145	.8		340	2.5		535			4	285	2.3	5.6
150	.6		345	2.5		540			5	275	2.8	6.5
155	.6		350	2.5		545			6	265	3.4	7.9
160	.6		355			550			7	256	3.4	8.4
165	.7		360			555			8	246	2.7	6.9
170	.8		365			560			9	228	2.8	6.4
175	1.6		370			565			10	200	3.1	7.4
180	2.5	12	375			570			11	190	3.4	7.8
185	3.0		380			575			12	180	2.5	6.1
190	3.5	11	385			580			13			
195	3.4		390			585			14			
200	3.0	10	395			590			15			
205	2.0		400			595			16			
210	2.0		405			600			17			
215	2.0		410			605			18			
220	1.6		415			610			19			
225	2.9		420			615			20			
230	2.2	9	425			620			21			
235	1.9		430			625			22			
240	1.7		435			630			23			
245	2.3	8	440			635			24			
250	3.1		445			640			25			
255	3.3	7	450			645			26			
260	3.5		455			650			27			
265	3.4	6	460			655			28			
270	3.1		465			660			29			
275	2.7	5	470			665			30			
280	2.5		475			670						
285	2.3	4	480			675						
290	1.7		485			680						

DISTRIBUTION - original - permanent CPS FILE

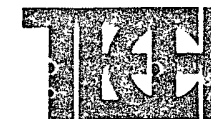
copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910830-1C

Company <u>MERIDIAN OIL</u>		Sample No. <u>1115W</u>		Date Sampled <u>7/27/91</u>	
Field		Legal Description <u>B-15-28-5</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>5J 28-5 #93</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Sampled By <u>W.F. McGAHA</u>	
		Formation <u>FC</u>		Water. B/D	
				State <u>N.M.</u>	



TECH, Inc.
333 East Main
Farmington
New Mexico
87401

505/327-3311

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>920</u>	<u>40</u>
Calcium, Ca	<u>92</u>	<u>4.6</u>
Magnesium, Mg	<u>3.6</u>	<u>0.3</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.7</u>
Specific Gravity, 60/60 F.	<u>1.0037</u>
Resistivity (ohm-meters) <u>70</u> F.	<u>2.80</u>

Total Dissolved Solids (calc.)

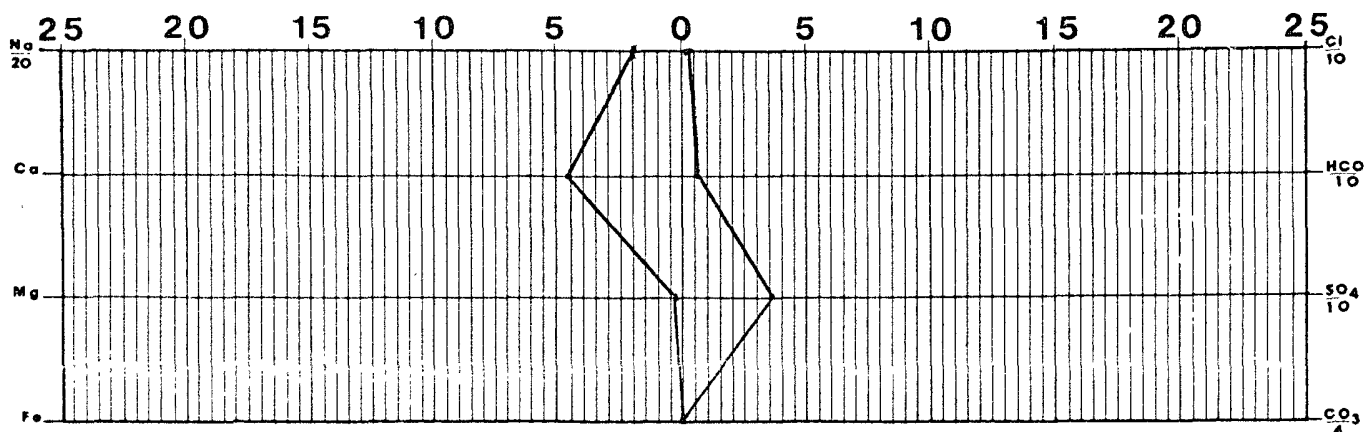
3200.

ANIONS

Chloride, Cl	<u>96</u>	<u>2.7</u>
Sulfate, SO_4	<u>1700</u>	<u>36</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>370</u>	<u>6.0</u>

Iron, Fe (total)
Sulfide, as H_2S

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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