

590 271-30-045-28031
75-30-045-11427 E
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO 2210

Operator Meridian Oil ^{2210W} Location: Unit K Sec. 18 Twp 32 Rng 9

Name of Well/Wells or Pipeline Served SAN JUAN 32-9 #1271 &
SAN JUAN 32-9 #75

Elevation 6864 Completion Date 7-16-90 Total Depth NA Land Type F

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

If Casing Strings are cemented, show amounts & types used

20 BAGS OF CEMENT

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. FRESH 100'

RECEIVED

FEB 24 1992

OIL CON. DIV.

DIST. 3

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 360'

49 SACKS OF

Depths anodes placed: 330, 320, 304, 295, 284, 275, 266, 234, 225, 210, 200, 190

Depths vent pipes placed: 360'

Vent pipe perforations: FROM 110' TO T.O.

Remarks: _____

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# 2210-W	P/L NAME(s), NUMBER(s) SAN JUAN 32-9 #271, #75					
WO # L049	TOTAL	VOLTS 11.06	AMPS 19.4	- OHMS .57	DATE 7-16-91	NAME MRW
REMARKS (notes for construction log)						

100' 8" PVC CASING, 20 BAGS CEMENT. Driller SAID
WATER AT 100', CAUGHT sample TID 360

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100	1.0		295	3.3	4	490			685			
105	1.3		300	3.0		495			690			
110	3.2		305	2.4	3	500			695			
115	3.5		310	1.8		505			700			
120	3.5		315	1.9		510			ANODE	DEPTH		
125	2.6		320	2.7	2	515			#			
130	2.9		325	3.0		520			1	330	2.8	4.4
135	3.2		330	2.5	1	525			2	320	2.8	4.5
140	2.8		335	1.9		530			3	304	2.9	4.8
145	2.3		340	.7		535			4	295	3.2	5.2
150	2.1		345	.4		540			5	284	3.0	5.1
155	1.7		350	.3		545			6	275	3.5	5.6
160	1.2		355	.3		550			7	266	2.8	5.0
165	1.1		360			555			8	234	3.3	5.8
170	1.6		365			560			9	225	3.6	5.9
175	3.2		370			565			10	210	3.4	5.5
180	3.4		375			570			11	200	3.8	6.2
185	3.5		380			575			12	190	3.9	6.1
190	3.8	12	385			580			13			
195	3.8		390			585			14			
200	3.7	11	395			590			15			
205	3.5		400			595			16			
210	3.4	10	405			600			17			
215	2.4		410			605			18			
220	3.0		415			610			19			
225	3.5	9	420			615			20			
230	3.7		425			620			21			
235	3.1	8	430			625			22			
240	2.1		435			630			23			
245	2.3		440			635			24			
250	2.3		445			640			25			
255	1.7		450			645			26			
260	1.5		455			650			27			
265	2.5	7	460			655			28			
270	3.4		465			660			29			
275	3.4	6	470			665			30			
280	3.0		475			670						
285	2.6	5	480			675						
290	2.9		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910724-25

2210 W

Company <u>NEEDHAM OIL</u>		Sample No.		Date Sampled <u>7/6/91</u>
Field	Legal Description <u>SW 18-32-9</u>	County or Parish <u>Salt Tarrant</u>	State <u>N.M.</u>	
Lease or Unit	Well <u>ST 32-9 #271</u>	Depth	Formation <u>F-C</u>	Water, B/D
Type of Water (Produced, Supply, etc.) <u>GROUND BED</u>		Sampling Point	Sampled By <u>MLW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>1900</u>	<u>84</u>
Calcium, Ca	<u>800</u>	<u>0.4</u>
Magnesium, Mg	<u>7.3</u>	<u>0.16</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.8</u>
Specific Gravity, 60/60 F.	<u>1.0074</u>
Resistivity (ohm-meters)	<u>116</u>

ANIONS

Chloride, Cl	<u>1600</u>	<u>4.5</u>
Sulfate, SO_4	<u>1030</u>	<u>2.1</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>4500</u>	<u>74</u>

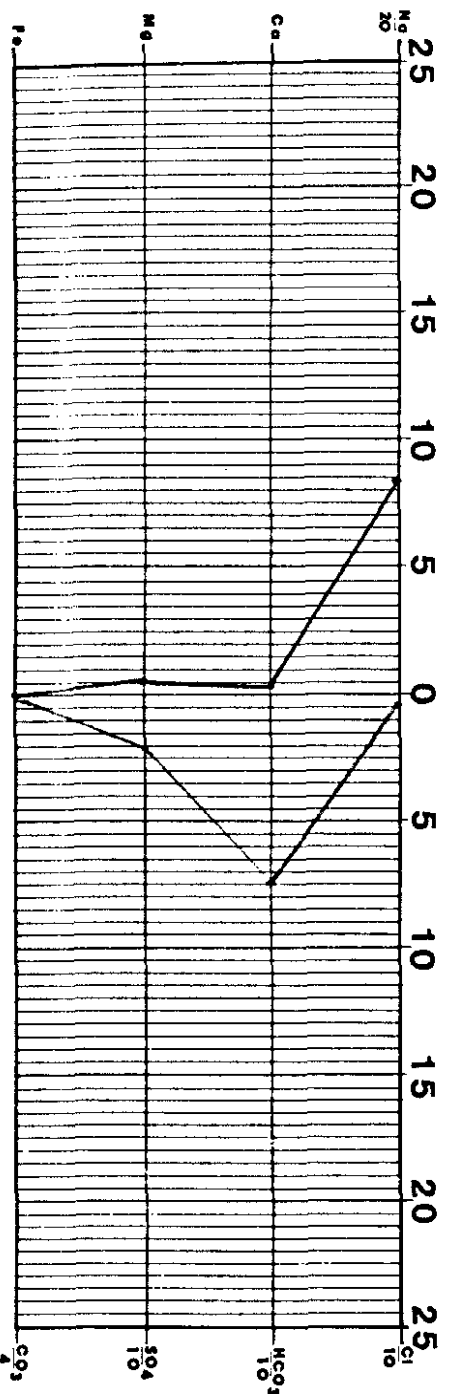
Total Dissolved Solids (calc.)

9000

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>6/24/91</u>	Preserved <u>10</u>	Date Analyzed <u>07/24/91</u>	Analyzed By <u>ES</u>
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