

611
30-039-23955 E
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit F Sec. 20 Twp 29 Rng 7

Name of Well/Wellis. or Pipeline Serviced San Juan 29-7 #45A

CPS# 2333

Elevation 690' Completion Date 9-11-91 Total Depth 420' Land Type F

Casing Strings, Sizes, Types & Depths 100" 8" P.V.C. Casing

If Casing Strings are cemented, show amounts & types used yes - 22 sacks

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

None

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Hole seeping water at 150'. More water at 270'

Sample taken at 270' - Fresh no water at surface

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 420'

Asbury - 122 Bags

Depths anodes placed: #1-405, #2-360, #3-350, #4-335, #5-325, #6-315, #7-305
#8-295, #9-285, #10-275, #11-220, #12-210

Depths vent pipes placed: Surface to 420'

Vent pipe perforations: From 150' to 420'

Remarks: _____

RECEIVED

FEB 24 1992

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# 2233-W	PVL NAME(S), NUMBER(S) San Juan 29-7 #45A					
WG # 1816 54467A	TOTAL	VOLTS 12.2	AMPS 20.5	OHMS .59	DATE 9-11-91	NAME D. Ashworth

REMARKS (notes for construction log):

Seep of H₂O at 150' More at 270'
PerF- 280'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE
	ANODE	#		ANODE	#		ANODE	#		ANODE	#		ANODE	#
100			295	1.6	8	490			685					
105			300	2.0		495			690					
110			305	2.7	7	500			695					
115			310	3.0		505			700					
120			315	2.1	6	510			ANODE	DEPTH	LOG	FULL		
125			320	1.7		515								
130			325	1.5	5	520			1	405	1.4	3.2		
135			330	1.6		525			2	360	3.0	5.5		
140			335	1.5	4	530			3	350	2.1	5.3		
145			340	1.3		535			4	335	1.6	4.2		
150	.6		345	.9		540			5	325	1.6	4.8		
155	.8		350	.8	3	545			6	315	2.2	5.6		
160	1.0		355	2.7		550			7	305	2.7	6.1		
165	2.0		360	2.4	2	555			8	295	1.6	5.0		
170	2.8		365	1.1		560			9	285	1.3	4.4		
175	3.3		370	1.0		565			10	275	1.9	4.5		
180	2.7		375	.8		570			11	220	2.8	6.3		
185	2.8		380	.6		575			12	210	3.3	7.0		
190	2.1		385	.4		580			13					
195	1.5		390	.5		585			14					
200	1.2		395	.5		590			15					
205	2.1		400	.6		595			16					
210	3.1	12	405	1.3	1	600			17					
215	2.9		410	1.2		605			18					
220	2.8	11	415	1.0		610			19					
225	1.7		420	TD-420		615			20					
230	.8		425			620			21					
235	.7		430			625			22					
240	.6		435			630			23					
245	.6		440			635			24					
250	.5		445			640			25					
255	.5		450			645			26					
260	.4		455			650			27					
265	.5		460			655			28					
270	.9		465			660			29					
275	1.5	10	470			665			30					
280	2.3		475			670								
285	1.3	9	480			675								
290	1.3		485			680								

DISTRIBUTION — original — permanent CPS FILE

COPY — Division Corrosion Supervisor

COPY — Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910916-24

22334

Company Meridian Oil		Sample No.		Date Sampled 9/11/91
Field		County or Parish Rio Arriba		State N.M.
Lease or Unit	Well	Depth	Formation	Water, B/D
	SJ 29-7 #45A	270'	Water Table	
Type of Water (Produced, Supply, etc.)		Sampling Point		
		C.P. Deepwell Gr. Bed		
		Sampled By D. B. HUBERT		



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

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.)
Calcium, Ca
Magnesium, Mg
Barium, Ba

mg/l
330
440
29

pH

Specific Gravity, 60/60 F.
Resistivity (ohm-meters) **66° F.**

7.1
1.0034
3.60

Total Dissolved Solids (calc.)

2600

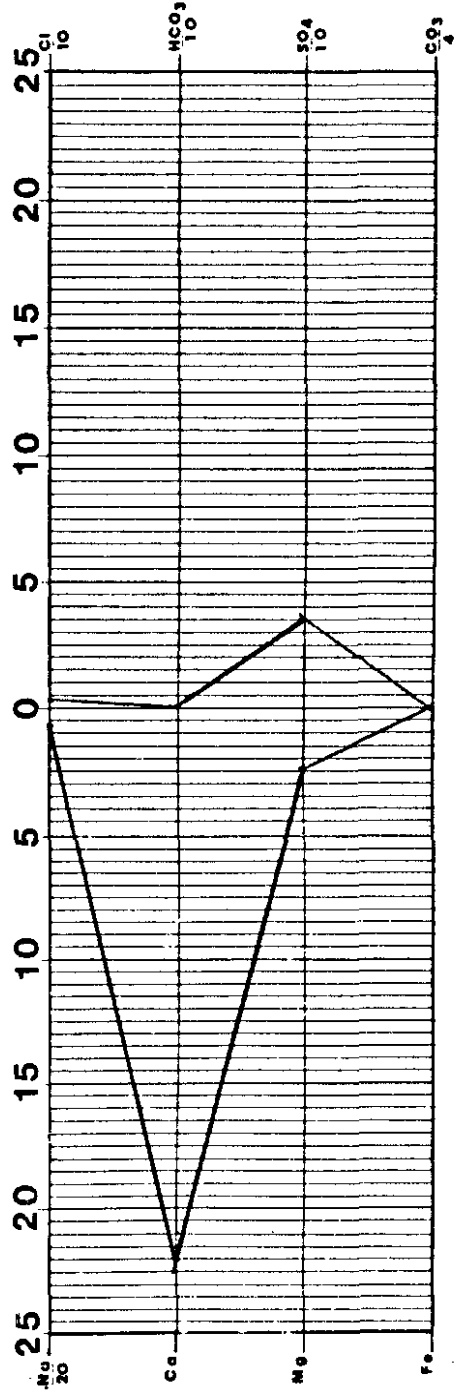
ANIONS

Chloride, Cl
Sulfate, SO₄
Carbonate, CO₃
Bicarbonate, HCO₃

mg/l
110
1700
0
36

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received 9/16/91	Preserved N	Date Analyzed 9/16-17/91	Analyzed By [Signature]
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