

352-30-045-28405

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN OIL Location: Unit M Sec. 35 Twp 27 Rng 11Name of Well/Wells or Pipeline Serviced DOUTHITT FEDERAL #352CPS #22622262WElevation _____ Completion Date 11-6-91 Total Depth 399' Land Type FCasing Strings, Sizes, Types & Depths 8" PVC SURFACECASING, 100' DEEPIf Casing Strings are cemented, show amounts & types used Yes, with22 SACKS NEAT CEMENT

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

NUDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH 120Depths gas encountered: NUGround bed depth with type & amount of coke breeze used: 399' DEEPwith 5650 lbs of Ashbury 4518 Flt COKEDepths anodes placed: 360, 350, 315, 275, 265, 255, 210, 200, 190, 180, 170, 16Depths vent pipes placed: 360'Vent pipe perforations: bottom 260'

Remarks: _____

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DIST. 2

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# 2262	P/L NAME (S), NUMBER (S) DOW HIT FEDERAL #352					
*N410	TOTAL	VOLTS 17.8	AMPS 29.5	- OHMS .4	DATE 11-2-91	NAME MRW
REMARKS (notes for construction log)						
WATER AT 120' Set 100' of CASING						
22 bags cement. DRILLED 400', LOGGED 399' Perforated						
Bottom 260'						
113 bags Ashbury						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.2		490			685			
105			300	1.0		495			690			
110			305	1.1		500			695			
115			310	2.1		505			700			
120			315	2.0		510			ANODE	DEPTH	NO	FULLY
125			320	2.0		515			*		COKE	COKE'D
130			325	1.9		520			1	360	2.3	7.7
135	2.5		330	1.8		525			2	350	2.5	7.8
140	2.7		335	1.8		530			3	315	2.0	5.8
145	2.6		340	1.8		535			4	275	2.2	7.1
150	2.6		345	2.1		540			5	265	2.1	7.1
155	2.7		350	2.3		545			6	255	2.3	6.5
160	2.5		355	2.3		550			7	210	2.3	7.9
165	2.7		360	2.2		555			8	200	2.2	8.4
170	2.5		365	1.9		560			9	190	2.1	7.8
175	2.4		370	1.8		565			10	180	2.4	8.1
180	2.3		375	1.2		570			11	170	2.6	8.9
185	2.2		380	.9		575			12	160	2.7	9.2
190	2.1		385	.7		580			13			
195	2.2		390	.9	TD	585			14			
200	2.2		395	1.8	399	590			15			
205	2.4		400			595			16			
210	2.2		405			600			17			
215	2.0		410			605			18			
220	1.7		415			610			19			
225	1.0		420			615			20			
230	.9		425			620			21			
235	.8		430			625			22			
240	.6		435			630			23			
245	.7		440			635			24			
250	1.2		445			640			25			
255	2.2		450			645			26			
260	2.1		455			650			27			
265	2.1		460			655			28			
270	2.1		465			660			29			
275	2.1		470			665			30			
280	2.0		475			670						
285	1.9		480			675						
290	1.6		485			680						

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API WATER ANALYSIS REPORT FORM

Laboratory No. 25-91108-1M

Company Meridian		Sample No.		Date Sampled 11-6-91	
Field 2262W		Legal Description Su 35-26-11		County or Parish San Juan	
Lease or Unit		Well Roulet Federal # 352	Depth 120'	Formation FC	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point Ground Bed		Sampled By mfw	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	160	7.1
Calcium, Ca	6.8	0.34
Magnesium, Mg	0.24	0.02
Barium, Ba		

ANIONS

Chloride, Cl	12	0.35
Sulfate, SO_4	160	3.2
Carbonate, CO_3	12	0.4
Bicarbonate, HCO_3	210	3.5

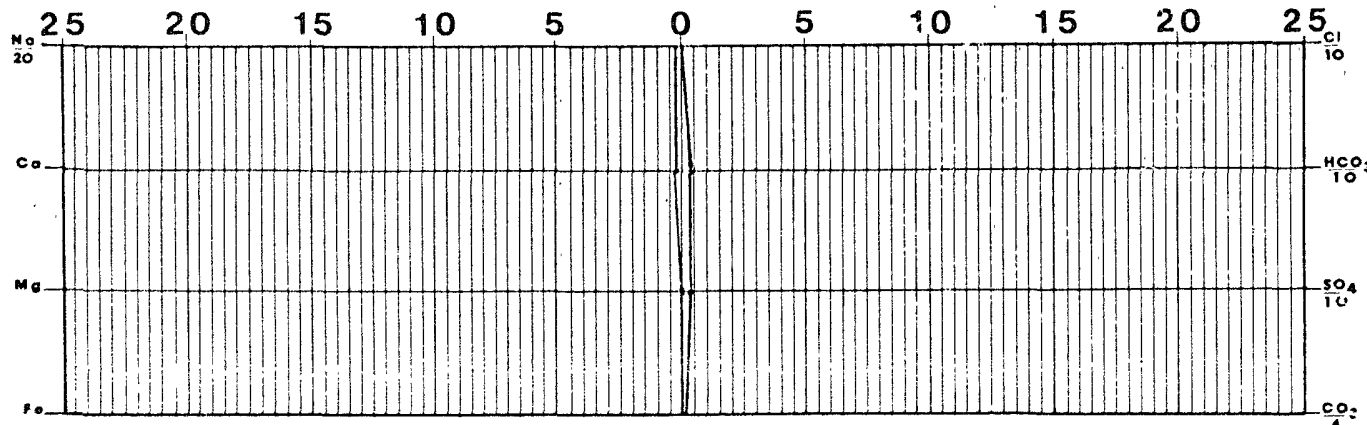
OTHER PROPERTIES

pH	8.61
Specific Gravity, 60/60 F.	1.007
Resistivity (ohm-meters) 58 F.	17.2

Total Dissolved Solids (calc.) **560**

Iron, Fe (total) _____
Sulfide, as H_2S _____

REMARKS & RECOMMENDATIONS:



Date Received 8th Nov, 1991	Preserved	Date Analyzed 27th Dec, 1991	Analyzed By R.H.
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TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

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

Operator MERIDIAN OIL Location: Unit M Sec. 35 Twp 27 Rng 11

Name of Well/Wells or Pipeline Served DOUTHITT FEDERAL #352
CPS#2262 2262W

Elevation _____ Completion Date 11-6-91 Total Depth 399' Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC SURFACE
CASING 100' DEEP

If Casing Strings are cemented, show amounts & types used Yes, with
22 SACKS NEAT CEMENT

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

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH 120

Depths gas encountered: NU

Ground bed depth with type & amount of coke breeze used: 399' DEEP
with 5650 lbs of Ashbury 4518 Flb COKE

Depths anodes placed: 360, 350, 315, 275, 265, 255, 210, 200, 190, 180, 170

Depths vent pipes placed: 360'

Vent pipe perforations: bottom 260'

Remarks: _____

RECEIVED

FEB 24 1992

OIL CON. DIV.

DIST. 3

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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# 2262	P/L NAME (S), NUMBER (S) DOUTHIT FEDERAL #352					
N410	TOTAL	VOLTS 17.8	AMPS 29.5	- OHMS .4	DATE 11-2-91	NAME MRW

REMARKS (notes for construction log)

WATER AT 120' Set 100' of casing

22 bags cement. Drilled 400', LOGGED 399' Perforated
Bottom 260'

113 bags Ashbury

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Lease or Unit		Well Douglas Federal # 352	Depth 120'	Formation FC	Water, B/D
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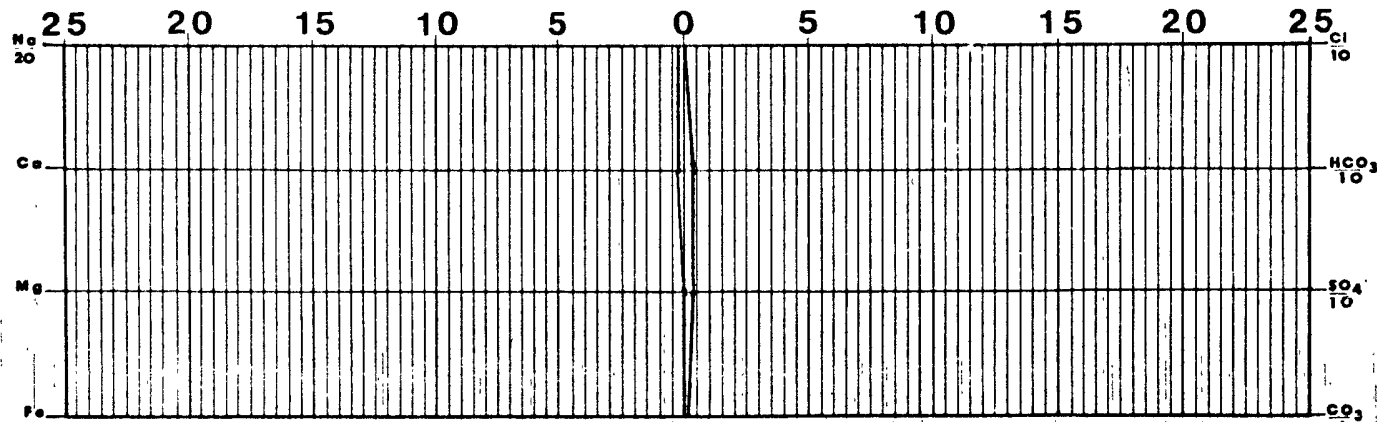
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