

82-30-039-07794
459-30-039-24289

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDAIN OIL Location: Unit SW Sec. 20 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #82, #459
cps 21lw

Elevation 6241' Completion Date 6/19/73 Total Depth 700' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 60'

Depths gas encountered: N/A

Type & amount of coke breeze used: 90 SACKS

Depths anodes placed: 450', 290', 280', 270', 240', 230', 190', 160', 150', 140'

Depths vent pipes placed: N/A

Vent pipe perforations: 400'

Remarks: gb #2

RECEIVED

MAY 31 1991

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Lepp

Drilling Log (Attach Hereto). ☐

Completion Date 6-19-72

Well Name <u>SAN JUAN 30-6 # 82</u>				Location <u>SW 20-30N-6W</u>				CPS No. <u>211 W</u>																																																																																																													
Type & Size Bit Used <u>6 3/4"</u>								Work Order No. <u>184-53409</u>																																																																																																													
Anode Hole Depth <u>700'</u>		Total Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used																																																																																																													
<table border="1"> <tr> <td colspan="2">Anode Depth</td> <td># 1</td> <td># 2</td> <td># 3</td> <td># 4</td> <td># 5</td> <td># 6</td> <td># 7</td> <td># 8</td> <td># 9</td> <td># 10</td> </tr> <tr> <td colspan="2"></td> <td>450</td> <td>290</td> <td>280</td> <td>270</td> <td>240</td> <td>230</td> <td>190</td> <td>160</td> <td>150</td> <td>190</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td># 1</td> <td># 2</td> <td># 3</td> <td># 4</td> <td># 5</td> <td># 6</td> <td># 7</td> <td># 8</td> <td># 9</td> <td># 10</td> </tr> <tr> <td colspan="2"></td> <td>1.7</td> <td>2.2</td> <td>3.2</td> <td>2.6</td> <td>2.6</td> <td>2.2</td> <td>1.5</td> <td>2.8</td> <td>2.6</td> <td>2.9</td> </tr> <tr> <td colspan="2">Anode Depth</td> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> <td># 17</td> <td># 18</td> <td># 19</td> <td># 20</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> <td># 17</td> <td># 18</td> <td># 19</td> <td># 20</td> </tr> <tr> <td colspan="2">Total Circuit Resistance</td> <td colspan="4">No. 8 C.P. Cable Used</td> <td colspan="4">No. 2 C.P. Cable Used</td> </tr> <tr> <td colspan="2">Volts</td> <td colspan="2">Amps</td> <td colspan="2">Ohms</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">11.6</td> <td colspan="2">10.0</td> <td colspan="2">1.16</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>												Anode Depth		# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10			450	290	280	270	240	230	190	160	150	190	Anode Output (Amps)		# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10			1.7	2.2	3.2	2.6	2.6	2.2	1.5	2.8	2.6	2.9	Anode Depth		# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	Anode Output (Amps)		# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	Total Circuit Resistance		No. 8 C.P. Cable Used				No. 2 C.P. Cable Used				Volts		Amps		Ohms								11.6		10.0		1.16							
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Remarks: Driller said water @ 60. Driller come out of hole water standing @ 145' Drilled to 500' with Air. Drilled to 700' with water. Vent Hose Perforated 400'. Pumped 90 Bags coke. Slurry 15 Bags. Total: 1056 90' positive cable ditch

All Construction Completed

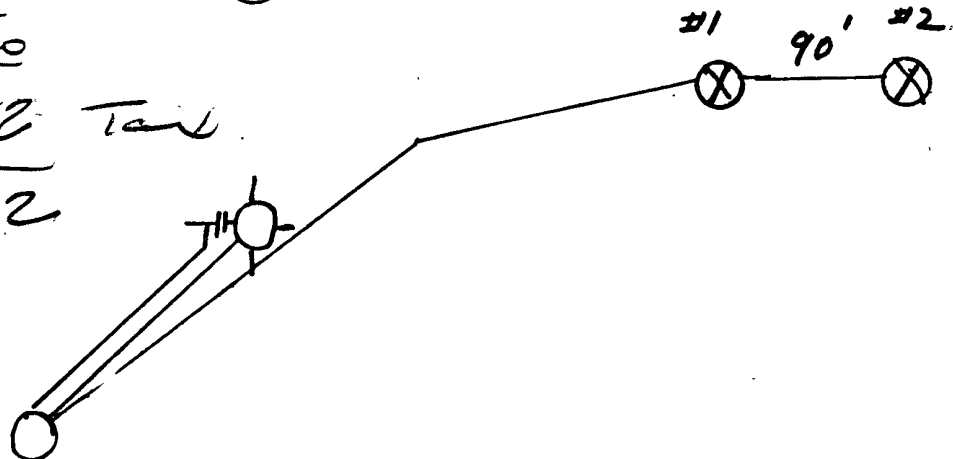
E. R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH

2230 $\approx$
798 $\approx$ coke
800 $\approx$ Depth
20 $\approx$ cable

3848 $\approx$
153.92 Tail

4001.92



211W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.2
156	NC ₇ 17.46
170	IC ₈ 19.38
184	NC ₈ 19.64
198	IC ₉ 21.67

MW	gas/mol
14	CO ₂ 5.38
16	H ₂ S 5.17
28	N ₂ 4.16
44	H ₂ 3.38

60	.5			30	1.1	1.3	Driller said water
	.4				1.4	1.4	@ 60'
70	.3			40	1.2	1.0	Driller come out of
	.6				.8	.8	hole water standing
80	.7			50	.7	.7	at 145'
	.9				.7	.6	
90	.8			60	.7	.6	
	.5				1.1	1.4	
100	.3			70	1.5	1.5	
	.4				1.6	1.6	
10	.7	3		80	1.5	1.3	
	.7	7		187	Bottom	1.2	
20	.9	18		90		.7	405 .5
	.9	18				.6	10 .6
30	1.0	6		300		.6	.5
	.8				73	.6	26 .6
40	.8	1		10		.7	.6
	1.1	.8	9		15	.8	30 .5
50	1.3	1.2	13	20		.8	.5
	1.5	1.4	1.4		6	.6	40 .7
60	1.2	1.1	9	30		.5	1.1
	.6	.6	.5			.6	50 .8
70	.4		.3	25		.7	.7
	.6		.6			.7	60 .5
80	1.1	1.1				.5	.4
	1.1	1.1				1.0	70 .6
90	1.4	1.5		20		.7	.6
	.9		.7			.6	80 .5
200	.7		.7	16		.6	.4
	.7		.6			.5	90 .5
10	.7		.7	20		.5	
	1.0		.8			.6	100 .6
20	.8		.8	10		.5	
	.7		.8			.5	
				400		.6	

Date: 6/19/23

By: _____

21/ W

MW		gals/mol
16	C ₁	6.4
30	C ₂	9.56
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.38
28	C ₉	9.64
42	C ₁₀	9.67

MISC		
MW		gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	1.18

[illegible]