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18- 30-039-07349

152- 30-039-20379

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 24 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #152, #18

cps 1039w

Elevation 6557' Completion Date 10/27/75 Total Depth 600' 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. 325'

Depths gas encountered: N/A

Type & amount of coke breeze used: 6000 lbs.

Depths anodes placed: 540', 530', 490', 480', 470', 460', 450', 440', 355', 340'

Depths vent pipes placed: N/A

Vent pipe perforations: 400'

Remarks: qb #1

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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

Drilling Log (Attach Hereto). ☐

Completion Date 10-27-75

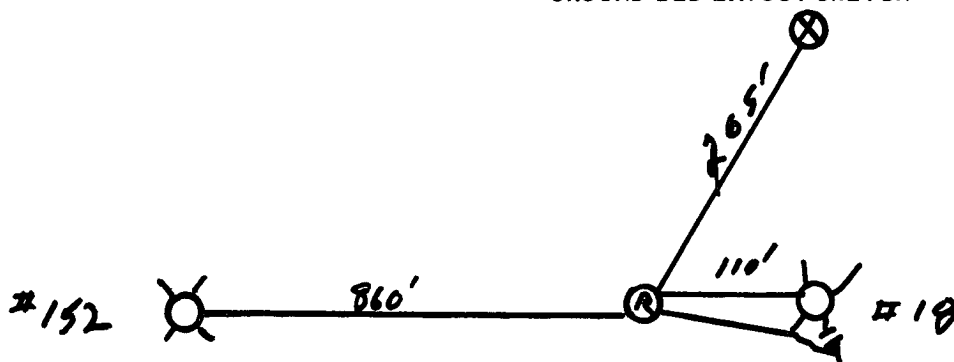
Well Name <u>San Juan 28-6 #152</u> <u>San Juan 28-6 #18</u>		Location <u>SW 24-28N-6W</u>		CPS No. <u>1039W</u>	
Type & Size Bit Used <u>6 7/8</u>				Work Order No. <u>54890.19-50-20</u> <u>40049.19-50-20</u>	
Anode Hole Depth <u>600'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>6,000</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>540</u>	# 2 <u>530</u>	# 3 <u>490</u>	# 4 <u>480</u>	# 5 <u>470</u>
	# 6 <u>460</u>	# 7 <u>450</u>	# 8 <u>440</u>	# 9 <u>355</u>	# 10 <u>340</u>
Anode Output (Amps)	# 1 <u>1.4</u>	# 2 <u>1.0</u>	# 3 <u>1.0</u>	# 4 <u>1.2</u>	# 5 <u>1.2</u>
	# 6 <u>1.2</u>	# 7 <u>1.3</u>	# 8 <u>1.6</u>	# 9 <u>1.8</u>	# 10 <u>3.0</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>10.5</u>	Amps <u>10.5</u>	Ohms <u>1.0 n</u>	<u>5,055</u>		

Remarks: Drill with Air. Driller said water at
325', static water level after 1 hour at
275'. Logging anode stopped at 561'
vent hose perforated 400'

All Construction Completed

Eduard A. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



6557'

1039W

MW		gal/mol
16	C ₁	0.4
30	C ₂	10.2
44	C ₃	10.42
58	IC ₄	12.38
72	NC ₄	13.93
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	19.17
184	NC ₈	19.44
200	IC ₉	21.17
216	NC ₉	21.44
230	IC ₁₀	23.17
246	NC ₁₀	23.44
260	IC ₁₁	24.97
276	NC ₁₁	25.24
290	IC ₁₂	26.77
306	NC ₁₂	27.04

MW		gal/mol
44	CO ₂	0.38
44	H ₂ O	5.17
28	N ₂	4.16
2	H ₂	1.38

2	75	0.7		1.2	Driller Said Water At
	80	0.6	60	1.3	325
		.4		1.5	STATIC Water Level
	90	.4	70	1.3	Water 1 hr AT 275'
		.3		1.3	VENT HOSE Port
3	00	.2	80	1.4	
		.2		1.2	
	10	.7	90	1.2	
		1.2		1.0	
	20	1.3	500	.7	
		1.3		.6	
	30	1.0	10	.7	
		1.4		.8	
	40	1.4	20	.8	
		1.0		.8	
	50	1.0	30	1.1	
		1.4		1.2	
	60	1.1	40	1.5	
		1.1		1.5	
	70	1.1	50	1.6	
		1.0		1.4	
	80	.9	60	1.3	
		.8	561	T.D	
	90	1.0	70		
		0.8			
4	00	.8	80	1.	540
		.7		2.	530
	10	.7		3.	490
		.6		4.	480
	20	.7		5.	470
		.7		6.	460
	30	.8		7.	450
		1.0		8.	440
	40	1.4		9.	355
		1.3		10.	340
	50	1.3			4555
					5000
				10.5	5055
				10.5	A

By Gillian A. Tauter