

#1 = 30-045-11262
#100 = 30-045-26840

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

Operator MERIDIAN OIL Location: Unit NE Sec. 29 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced SCOTT #1, #100

cps 520w

Elevation 6179' Completion Date 10/27/71 Total Depth 400' 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. 170'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: 7000 lbs. **OIL CON. DIV**

Depths anodes placed: 310', 300', 290', 280', 265', 255', 245', 235', 225', 215' **DIST. 3**

Depths vent pipes placed: N/A

Vent pipe perforations: 265'

Remarks: gb. #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

GND BED No. 2

Drilling Log (Attach Hereto) ☐

Completion Date 10-27-71

Well Name <u>Scott No. 1</u>		Location <u>NE 29-32-10</u>		CPS No. <u>520W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>184-52051-50-20</u>	
Anode Hole Depth <u>400</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>7000</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>310</u>	# 2 <u>300</u>	# 3 <u>290</u>	# 4 <u>280</u>	# 5 <u>265</u>	# 6 <u>255</u>
# 7 <u>245</u>	# 8 <u>235</u>	# 9 <u>225</u>	# 10 <u>215</u>		
Anode Output (Amps)					
# 1 <u>3.7</u>	# 2 <u>3.6</u>	# 3 <u>3.4</u>	# 4 <u>3.9</u>	# 5 <u>3.7</u>	# 6 <u>4.0</u>
# 7 <u>4.5</u>	# 8 <u>3.8</u>	# 9 <u>3.6</u>	# 10 <u>3.4</u>		
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 <u>10.8</u>	Amps <u>12.7</u>	Ohms <u>0.85</u>			

Remarks: Vent Perforated 265' - Driller said Blew water to surface at 170
Pump 350 shovels of Coke = 4500 lbs. 50 sacks = 5000 lbs Slurry 2000 lbs.

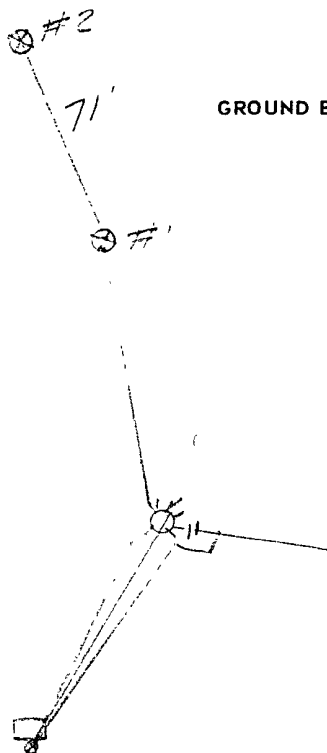
All Construction Completed

Pauler

Arvels

(Signature)

GROUND BED LAYOUT SKETCH



C.P.S. 520W

REMARKS - Hole caught on fire @ 240
ft. instead of egg chiller as
I was expected

Company Supervisor

520 w

10-26-71

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 9.59
44	C ₃ 10.12
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.90
128	CA 15.57
142	IC ₇ 17.2
156	C ₈ 17.46
170	C ₉ 19.38
184	C ₁₀ 19.64
198	C ₁₁ 19.67

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

1	70	92			350	1.12	VENT Hose Perforated 264'			
		1.95				1.40				
	80	1.72			60	1.53				
		1.55				1.28				
	90	1.52			70	1.54	Avados	log.	wtr.	coke
		1.44				1.42	1	3.10	1.54	1.92
	200	1.25			80	1.34	2	3.00	1.54	1.82
		1.14			(85) 3046M		3	2.90	1.46	1.70
	10	1.25			90		4	2.80	1.67	1.85
		1.60					5	2.65	1.52	1.65
	20	1.60			400		6	2.55	1.60	1.80
		1.55					7	2.45	1.96	2.00
	30	1.65					8	2.35	1.72	1.80
		1.72					9	2.25	1.55	1.60
	40	2.0					10	2.15	1.60	1.60
		1.96								
	50	1.82								
		1.60					Pinned 350 shoes of coke			
	60	1.54								
		1.52								
	70	1.45					10.8V 12.7A = 1.85			
		1.50								
	80	1.57								
		1.44								
	90	1.45								
		1.40								
	300	1.25								
		1.33								
	10	1.50								
		1.40								
	20	1.40								
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	110	1.40								
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	120	1.40								
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	850	1.40								
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