

22-30-039-06973
178-30-039-06971

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

Operator Union Oil Company of California Location: Unit Sec. 23 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon 22 PC Rincon #178 DK

Elevation 6593' Completion Date 10-14-75 Total Depth 700' Land Type* F

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

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

None

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 400' deep thickness?

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 6900 lbs

Depths anodes placed: 435' to 605'

Depths vent pipes placed: NA

Vent pipe perforations: 405'

Remarks: El Paso Natural Gas Co. was the operator at the time this ground bed was installed.

Second ground bed installed on this location

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.

RECEIVED

MAY 14 1980

OIL CON. DIV.

DIST. 2

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

10/14/75

Drilling Log (Attach Hereto). ☐

Completion Date 10-14-75

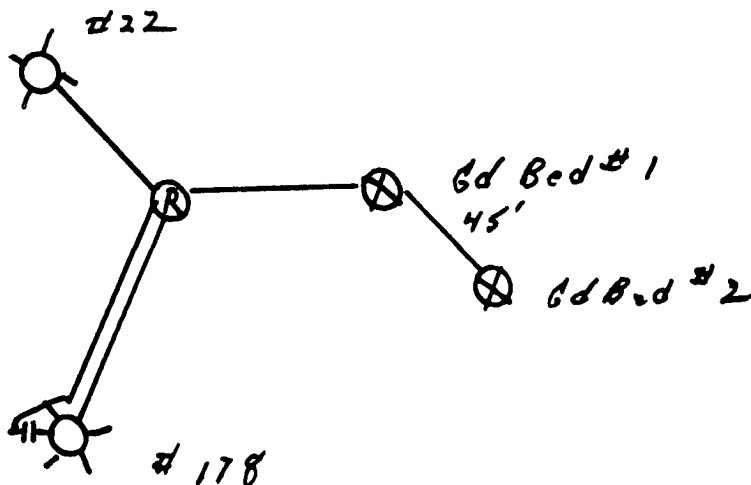
Well Name <u>Rincon # 22</u> <u>Rincon # 178</u>		Location <u>SW 23-27N-7W</u>		CPS No. <u>716W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>184-20082.19-50-20</u> <u>184-58269.19-50-20</u>			
Anode Hole Depth <u>700'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>6,900</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>605</u>	# 2 <u>595</u>	# 3 <u>585</u>	# 4 <u>545</u>	# 5 <u>530</u>
	# 6 <u>520</u>	# 7 <u>470</u>	# 8 <u>460</u>	# 9 <u>450</u>	# 10 <u>435</u>
Anode Output (Amps)	# 1 <u>1.4</u>	# 2 <u>2.0</u>	# 3 <u>1.2</u>	# 4 <u>2.2</u>	# 5 <u>2.2</u>
	# 6 <u>2.6</u>	# 7 <u>3.0</u>	# 8 <u>2.8</u>	# 9 <u>2.6</u>	# 10 <u>2.6</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>11.0</u>	Amps <u>10.0</u>	Ohms <u>1.10</u>	<u>5695</u>		

Remarks: Drill with Air Driller said water at 400'
logging Anode stopped at 660'
vent hose perforated 405'
very little response to #1 Anode
with coke breeze.

All Construction Completed

Edward R. Paul
(Signature)

GROUND BED LAYOUT SKETCH



716 W

MW		gals/mol
16	C ₁	6.1
30	C ₂	8.1
44	C ₃	10.12
58	C ₄	12.38
72	NC ₄	11.93
86	C ₅	11.84
100	NC ₅	13.71
114	C ₆	15.40
128	C ₇	18.57
142	IC ₇	17.2
156	C ₈	17.46
170	C ₉	17.71
184	C ₁₀	9.64
198	C ₁₁	9.67

MISC		
MW		$\Delta H^{\circ}/\text{mol}$
44	CO_2	-1.18
34	H_2S	-1.17
28	N_2	-1.16
2	H_2	-1.18

Depth	Pressure	Temperature	Salinity	Specific Gravity	Notes
400	1.4 -	80	1.1		Driller said water @ 400
	1.3		1.4 -		PERF. 405'
10	1.0	90	1.2		
	1.0		1.3 -		
20	1.1	600	1.2		
	1.0		1.2 -		
30	1.0	10	1.0 -		
	1.7 -		0.9		
40	1.7 X	20	0.8		
	1.5		0.9		
50	1.4 -	30	0.8		
	1.8		0.8		
60	2.0 -	40	0.7		
	1.4		0.8		
70	1.3 -	50	1.4		
	1.0		1.0		
80	0.8	660	1.0		
	0.7 TD				
90	0.7	70			
	0.7				
500	0.6	80	1.2	1.4	
	0.7		1.4	2.0	
10	0.7	90	1.4	2.2	
	1.1		1.6	2.2	
20	1.7 -	700	1.3	2.2	
	1.9 X		1.7	2.6	
30	1.3 -		1.4	3.0	
	0.9		2.0	2.8	
40	1.0		1.1	2.6	
	1.6 -		1.7	2.6	
50	1.2				
	0.8				
60	0.6				
	0.4				
70	0.6				
	0.8				