

30-039-07054

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. 16 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #103 PC

Elevation 6495' Completion Date 7-16-81 Total Depth 425' Land Type* S

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. 85' Deep thickness unknown

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 4000 lbs

Depths anodes placed: 190' to 400'

Depths vent pipes placed: 420'

Vent pipe perforations: 340'

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

First ground bed installed at 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 21 1990
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

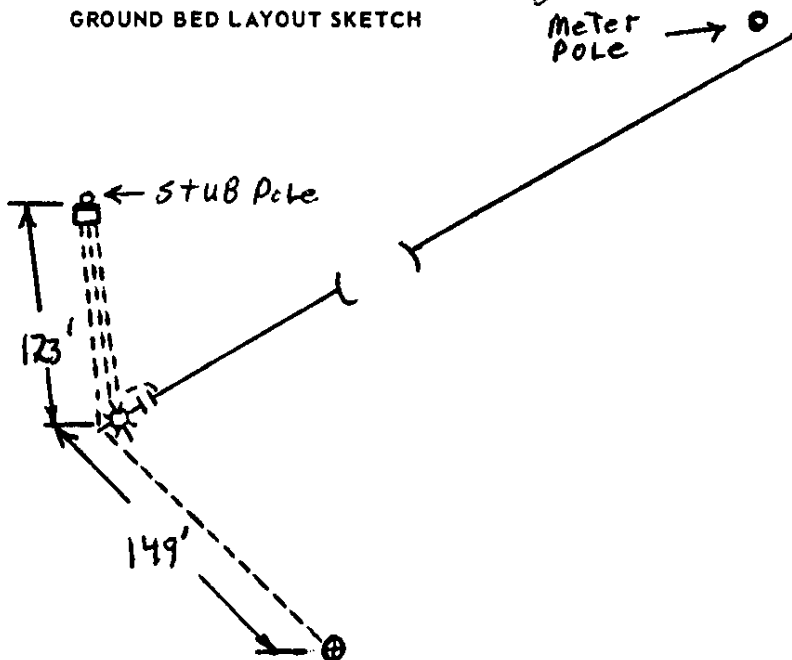
Completion Date 7-16-81

Well Name Rincon U. #103		Location SE 16-27-6		CPS No. 1634 W	
Type & Size Bit Used 6 3/4" Rock		Anodes = 2" x 60" Duriron		Work Order No. 53457-19-50-20	
Anode Hole Depth 425-Log 423	Total Drilling Rig Time	Total Lbs. Coke Used Approx 4000	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 400	# 2 390	# 3 380	# 4 370	# 5 250	# 6 240
# 7 230	# 8 210	# 9 200	# 10 190		
Anode Output (Amps)					
# 1 3.4	# 2 3.4	# 3 3.1	# 4 3.1	# 5 2.6	# 6 4.0
# 7 4.2	# 8 2.9	# 9 3.1	# 10 3.3		
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 10.5	Amps 14.4	Ohms .73			

Remarks: Static c/s 600' N = .75 1100 MAT UNION = OK
WATER AT 85'. WAITED 30 MIN CAUGHT WATER SAMPLE. DRILLED
TO 425 FT LOGGED TO 423 FT. INST 420' VENT PIPE WITH
340' PERFORATED. SLURRIED APPROX 4000 LBS. BULK COKE.

Hole Depth = -77 ✓
 EXTRA CABLE = 266' ✓
 DITCH & CABLE = 272' ✓
 25' METER POLE ✓
 (OFF LOCATION)
 24x8 POLE ✓
 RECT = 40016A ✓

GROUND BED LAYOUT SKETCH



All Construction Completed

Robert J. Bahrick
(Signature)

Meter Pole →

	Reg	OT
7-16	8	2

DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

1634W Rincon #103 SE16-27-6

53457-19-50-20

 STATIC % 600N = .75 1100MAT UNION = OK
 70d...

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	IC4 12.38
58.12	nC4 11.93
72.15	IC5 13.85
72.15	nC5 13.71
86.18	IC6 15.50
86.18	C6 15.57
100.21	IC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

90 1.5 270 9

1.2 16

100 1.7 80 1.5

1.8 1.5

10 1.8 90 1.4

1.6 1.4

20 1.9 300 1.4

1.5 1.4

30 1.4 10 1.4

1.4 1.4

40 1.5 20 1.5

1.6 1.8

50 1.6 30 1.8

1.5 1.5

60 1.7 40 1.5

1.7 1.5

70 1.7 50 1.5

1.6 1.5

80 1.5 40 1.5

1.4 1.7

90 1.5 10 1.3

1.5 1.2

200 1.4 80 1.3

1.4 1.3

10 1.4 90 1.1

1.2 1.2

20 1.9 400 1.2

1.2 1.4

30 1.5 10 1.2

1.7 1.9

40 1.6 20 1.4

1.4 1.4

50 1.4 30 1.4

1.9 1.4

60 1.8 40 1.4

 WATER AT 85' WAITED 30 MIN
 CAUGHT WATER SAMPLE. DRILLED
 to 425' Log 423' INST 420'
 Vent pipe with 340' Perf
 Slurried APPROX 4000 lbs
 Bulk coke

- ① 400 - 1.7 - 3.4
- ② 390 - 1.6 - 3.4
- ③ 380 - 1.7 - 3.1
- ④ 370 - 1.7 - 3.1
- ⑤ 250 - 1.5 - 2.6
- ⑥ 240 - 2.3 - 4.0
- ⑦ 230 - 2.5 - 4.2
- ⑧ 210 - 1.7 - 2.9
- ⑨ 200 - 1.9 - 3.1
- ⑩ 190 - 2.1 - 3.3

$$10.5V \text{ ③ } 14.4A = .730hms$$

423 TD

