

88A = 30-039-21975

89 = 30-039-07028 plugged

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. 13 Twp 27N Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon 88A MV Rincon #89 PC

Elevation 6648' Completion Date 6-13-80 Total Depth 620' 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 unknown

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 60 sacks

Depths anodes placed: 450' to 575'

Depths vent pipes placed: 606'

Vent pipe perforations: 300'

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-Free.
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 6/13/80

Well Name <u>Rincon unit #88A</u>		Location <u>SE 13-27-7</u>		CPS No. <u>1534 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57537-21</u>	
Anode Hole Depth <u>620' T.D. 606'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>60 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>575'</u>	# 2 <u>565'</u>	# 3 <u>555'</u>	# 4 <u>545'</u>	# 5 <u>510'</u>	# 6 <u>490'</u>
# 7 <u>480'</u>	# 8 <u>470'</u>	# 9 <u>460'</u>	# 10 <u>450'</u>		
Anode Output (Amps)					
# 1 <u>2.7</u>	# 2 <u>2.6</u>	# 3 <u>3.8</u>	# 4 <u>3.8</u>	# 5 <u>2.0</u>	# 6 <u>3.1</u>
# 7 <u>3.1</u>	# 8 <u>2.8</u>	# 9 <u>2.7</u>	# 10 <u>2.1</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	Volts <u>11.6</u>		Amps <u>13.6</u>		Time <u>.85</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

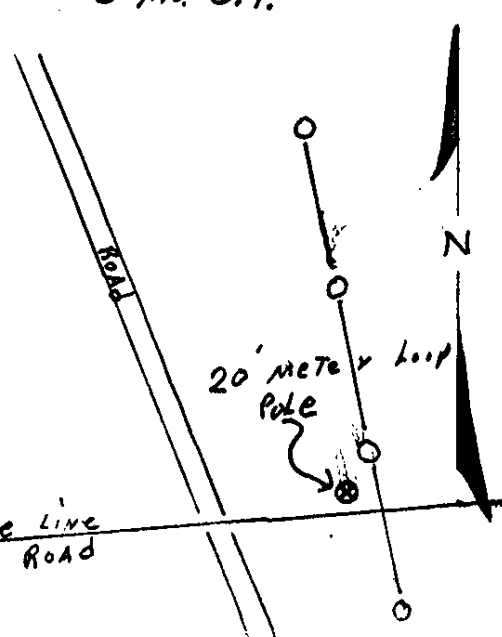
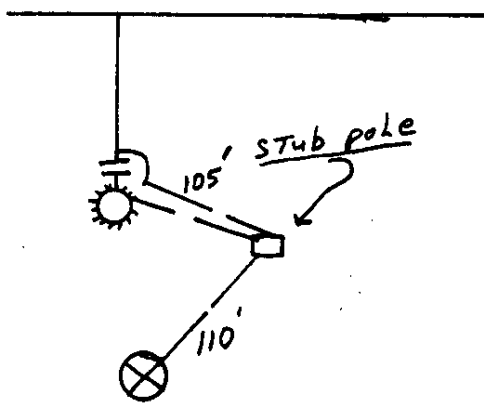
Remarks: STATIC 600'S = .84V INSULATED UNION OK
Drilled to 375', Lost circulation, Could NOT Blow water out of Hole. HAD
TO START INJ. Drilled to 620'. WATER STANDING in Hole NEXT A.M. AT 400'.
Logged 606'. INSTALLED 606' of 1" P.V.C. VENT. pipe Perforated 300'.

Ditch + 1 cable = 215'
 EXTRA cable = 125'
 20' meter Loop Pole
 STub Pole
 40 V 16A Rect.
 Hole Depth + 106'

All Construction Completed

JE. Stubb
 (Signature)
 16 Hr. Reg.
 5 Hr. O.T.

GROUND BED LAYOUT SKETCH



~~Jct. Box, Rect., meter Loop pole,
 STub pole, + cable NOT
 INSTALLED ON LOCATION.~~

Completed 7/3/80

DISTRIBUTION:

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

Rincon unit #89

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

CONCRETE UNIT #22A
CPS #1534 W
SF 13-27-7

W.D. 57537-2.1

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

380- .4

90- .2

400- .3

10- .6

20- .6

30- .9

40- .9

50- 1.5

60- 1.5

70- 1.4

80- 2.1

90- 1.6

100- 1.1

20- 1.1

30- .9

40- .9

50- 1.5

60- 1.5

70- 1.4

80- 2.1

90- 1.6

100- 1.1

20- 1.1

30- .9

40- .9

50- 1.5

60- 1.5

70- 1.4

80- 2.1

90- 1.6

100- 1.1

20- 1.1

30- .9

40- .9

50- 1.5

60- 1.5

70- 1.4

80- 2.1

90- 1.6

100- 1.1

20- 1.1

30- .9

40- .9

50- 1.5

60- 1.5

70- 1.4

80- 2.1

90- 1.6

100- 1.1

20- 1.1

30- .9

40- .9

50- 1.5

560- 1.6

1.8 - ②

70- 1.7

2.2 - ①

80- 1.1

1.1

90- 1.7

1.4

600- 1.7

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Drilled To 375', Lost circulation
could not blow water out
of hole, had to start 14J.
Drilled To 620', water standing
in hole next A.M. AT 400'.
Logged 606'. Installed
606' of 1" P.V.C. VENT Pipe
Perforated 300'.

11.6V 13.6A: .85

6/13/80

jl

1-575-2.1-2.7
2-565-1.7-2.6
3-555-1.8-3.8
4-545-2.2-3.8
5-510-1.5-2.0
6-490-1.6-3.1
7-480-1.9-3.1
8-470-1.6-2.8
9-460-1.5-2.7
10-450-1.3-2.1

SE 13-27-7

CPD-1534 W

LEASE	WELL NO.	CONTRACTOR
Rincon	18A	3-C Drilling

RIG NO. ~~34~~ 1

REPORT NO.

DATE June 19/12/15 1980

MORNING

DAYLIGHT

EVENING

[illegible]

SIGNED: Toolpusher

Erwin Lange

Company Supervisor