

30-039-21717

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. 17 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #79A MV

Elevation 6461' Completion Date 6-18-80 Total Depth 460' 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. 40' Deep and 200' Deep Thickness unknown

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 47 sacks

Depths anodes placed: 280' to 420'

Depths vent pipes placed: 440'

Vent pipe perforations: 400'

RECEIVED
MAY 21 1980
OIL CON. DIV
DIST. 3

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 6/18/80

Well Name PRINCE UNIT #79A		Location NW 17-27-6		CPS No. 1537 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57359-21	
Anode Hole Depth 460 T.D. 440	Total Drilling Rig Time	Total Lbs. Coke Used 47 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 420'	# 2 405'	# 3 390'	# 4 380'	# 5 370'	# 6 355'
# 7 345'	# 8 300'	# 9 290'	# 10 280'		
Anode Output (Amps)					
# 1 3.5	# 2 2.7	# 3 3.7	# 4 3.9	# 5 3.4	# 6 3.2
# 7 2.8	# 8 3.3	# 9 2.8	# 10 3.0		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 11.9	Amps 15.0	Ohms .79			
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

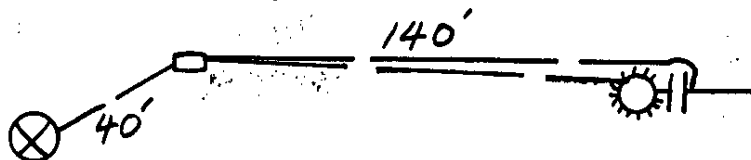
Remarks: STATIC 600' W = .88 V Driller said moisture AT 40'. Drilled To 80'. Could NOT drill deeper with Air. Blew WATER out of Hole next A.M. Could NOT get enough for a WATER sample. STARTED INS. AT 80'. Hit more moisture AT 200'. Drilled To 400'. Logged 395'. HAD Room for 7 Anodes Drilled To 460'. WATER standing in Hole next A.M. AT 260'. Logged 440'. INSTALLED 440' of 1" P.V.C. VENT Pipe, Perforated 400'. INSULATED UNION OK

Ditch & 1 cable = 180'
extra cable = 160'
Stub Pole
40V 16 A Rect.
Hole Depth - 60'

All Construction Completed

JC Stath
(Signature)
16 Hr. Reg.
5 Hr. O.T.

GROUND BED LAYOUT SKETCH



~~Jct. Box, Rect., Pole,
and wire NOT installed
at this location~~
Complete 7/3/80

DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

RINCON UNIT 79A CPS #1537W
NW 17-27-6

W.O. 57359-21

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	IC ₄	12.38
58.12	nC ₄	11.93
72.15	IC ₅	13.85
72.15	nC ₅	13.71
86.18	IC ₆	15.50
86.18	C ₆	15.57
100.21	IC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.87

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

200 - .5
10 - .3
20 - .4
30 - .3
40 - .2
50 - .2
60 - .2
70 - .2
80 - .3
90 - .4
100 - .4
110 - .4
120 - .4
130 - .4
140 - .4
150 - .4
160 - .4
170 - .4
180 - .4
190 - .4
200 - .4
210 - .4
220 - .4
230 - .4
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250 - .4
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290 - .4
300 - .4
310 - .4
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340 - .4
350 - .4
360 - .4
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380 - .4
390 - .4
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410 - .4
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990 - .4
1000 - .4

410 - 1.0
1.3
20 - 1.7 - ①
30 - 1.7
40 - 1.6
50 - .9
60 - T.D
70 -
80 -
90 -
100 -
110 -
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140 -
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Driller said moisture AT
40'. Drilled To 80', could
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Blow WATER out of Hole
Next A.M. could NOT get
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STARTED INJ. AT 80'. HIT
more WATER AT 200'. Drilled
To 400'. Logged 395', HAD
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To 460'. WATER standing in
Hole Next A.M. AT 260'.
Logged 440'. INSTALLED 440'
of 1" P.V.C. VENT Pipe
Perforated 400'.

11.9 V. 15.0 A = .79 Ω
6/18/80
je

1 - 420 - 2.4 - 3.5
2 - 405 - 1.8 - 2.7
3 - 390 - 2.4 - 3.7
4 - 380 - 2.6 - 3.9
5 - 370 - 2.1 - 3.4
6 - 355 - 2.1 - 3.2
7 - 345 - 1.9 - 2.8
8 - 300 - 2.3 - 3.3
9 - 290 - 1.6 - 2.8
10 - 280 - 1.9 - 3.0

Rincon Unit #794 Three C Drilling 1
LEASE NW 17-27-6 WELL NO. CONTRACTOR RIG NO. 1
REPORT NO. 57359-DATE June 17 1960

MORNING

DAYLIGHT

EVENING

Driller Kevin Buge				Total Men In Crew 3				Driller				Total Men In Crew				Driller				Total Men In Crew															
FROM		TO		FORMATION		WT-BIT		R.P.M.		FROM		TO		FORMATION		WT-BIT		R.P.M.		FROM		TO		FORMATION		WT-BIT		R.P.M.							
0	100			sandstone, water sand, shale, bentonite																															
100	200			sandstone, shale, bentonite water sand																															
200	280			sandstone bentonite																															
280	300			shale																															
SER. - NO.				NO. DC				SIZE				LENG.				BIT NO.				NO. DC				SIZE				LENG.							
SIZE				STANDS				SINGLES				SERIAL NO.				STANDS				SINGLES				SERIAL NO.				STANDS				SINGLES			
TYPE				DOWN ON KELLY				TOTAL DEPTH				MAKE				TYPE				DOWN ON KELLY				TOTAL DEPTH				MAKE							
MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED							
Time		Wt.		Vis.		Time		Wt.		Vis.		Time		Wt.		Vis.		Time		Wt.		Vis.		Time		Wt.		Vis.							
3																																			
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN							
300	340			sandstone bentonite																															
340	460			shale																															
REMARKS -				Water was at 400 feet and at 200 feet				REMARKS -				REMARKS -				REMARKS -				REMARKS -				REMARKS -											

SIGNED: Toolpusher Kevin Buge

Company Supervisor