

135A-30-039-21974

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. 29 Twp 27N Rng 6W

Name of Well/Wells or Pipeline Serviced Rincon #135A MV

Elevation 6664' Completion Date 6-10-80 Total Depth 420' 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. 180' - 200' Deep 20' thick

Depths gas encountered: NA

Type & amount of coke breeze used: type unknown 42 sacks

Depths anodes placed: 175' to 320'

Depths vent pipes placed: 420'

Vent pipe perforations: 260'

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 1980
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 6/10/80

Well Name <u>PIACON UNIT #135A</u>		Location <u>NW 29-27-6</u>		CPS No. <u>1539 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57541-21</u>	
Anode Hole Depth <u>420' T.D. 420'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>42 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>320'</u>	# 2 <u>310'</u>	# 3 <u>295'</u>	# 4 <u>285'</u>	# 5 <u>275'</u>
Anode Output (Amps)	# 1 <u>2.1</u>	# 2 <u>2.1</u>	# 3 <u>1.9</u>	# 4 <u>2.1</u>	# 5 <u>3.1</u>
Anode Depth	# 6 <u>265'</u>	# 7 <u>205'</u>	# 8 <u>195'</u>	# 9 <u>185'</u>	# 10 <u>175'</u>
Anode Output (Amps)	# 6 <u>2.8</u>	# 7 <u>2.8</u>	# 8 <u>4.4</u>	# 9 <u>4.2</u>	# 10 <u>4.5</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.7</u>		Amps <u>13.3</u>		Ohms <u>.88</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: STATIC 600'S = .88V INSULATED UNION OK
DRILLER SAID WATER AT 170', DRILLED 180'. WATER STANDING IN
HOLE NEXT A.M. AT 170'. TOOK WATER SAMPLE, HOLE MAKING APPROX.
5 GPM/MIN. DRILLED TO 420', LOGGED 420'. INSTALLED 420' OF
1" P.V.C VENT PIPE, PERFORATED 260'.

Ditch + 1 cable = 265'
 EXTRA CABLE : 240'
 20' meter Loop Pole
 40V 16A RECT.
 HOLE DEPTH - 80'

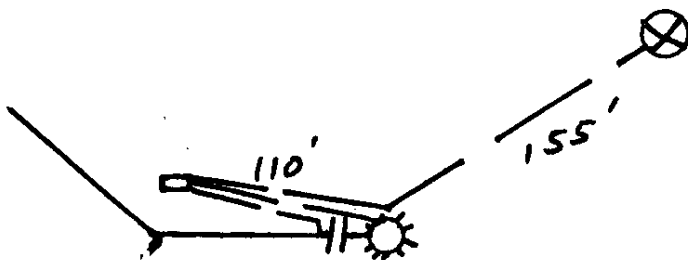
GROUND BED LAYOUT SKETCH

All Construction Completed

JE Stettin
 (Signature)
 8 Hr. Reg.
 3 Hr. O.T.

Jct. Box, Rect. & Pole,
 and cable NOT installed
 ON 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: _____

PINCOS UNIT 135A

CPS * 1539 W

NW 29-27-6

W.O. 57541-21

MW		gals/mol
18.04	C ₁	8.4
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	9.67

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

170- .6
2.6 - ⑩
80- 3.0
2.7 - ⑨
90- 2.3
2.8 - ⑧
200- 2.6
1.6 - ⑦
10- .6
.6
20- .5
.4
30- .3
.5
40- .7
.5
50- .4
.4
60- .5
1.7 - ⑥
70- 2.2
2.0 - ⑤
80- 1.7
1.4 - ④
90- 1.4
1.2 - ③
300- 1.1
1.1
10- 1.3 - ②
1.3
20- 1.2 - ①
1.0
30- .5
.4
40- .4
.5
50- .4
.4

360- .3
.3
70- .3
.3
80- .3
.3
90- .4
.4
400- .5
.5
10- .5
.5
20- .5

Driller said water AT 170'.
Drilled To 180', WATER STANDING
IN HOLE NEXT A.M. AT 170'.
Took water sample, hole
making approx. 5 gals./min.
Drilled 420', logged 420'.
Installed 420' of 1" P.V.C.
Vent pipe Perforated 260'.

Drilled To T.D.

11.7 V 13.3 A = .88 Ω
6/10/80
JR

1-320- 1.1-2.1
2-310- 1.2-2.1
3-295- 1.2-1.9
4-285- 1.3-2.1
5-275- 2.0-3.1
6-265- 1.7-2.8
7-205- 1.8-2.8
8-195- 2.8-4.4
9-185- 2.7-4.2
10-175- 2.8-4.5

DAILY DRILLING REPORT

CPS 1539 W

LEASE CONTRACTOR RIG NO. DATE

MORNING

DAYLIGHT

EVENING

Driller	Total Men In Crew				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.

NO. DC	SIZE	LENG.	BIT NO.	SERIAL NO.	NO. DC	SIZE	LENG.	BIT NO.	SERIAL NO.	NO. DC	SIZE	LENG.	BIT NO.	SERIAL NO.
STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS	STANDS
SINGLES					SINGLES					SINGLES				
DOWN ON KELLY					DOWN ON KELLY					DOWN ON KELLY				
TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH				

TIME	WT.	VIS.	TIME	WT.	VIS.	TIME	WT.	VIS.
FROM	TO	TIME BREAK DOWN	FROM	TO	TIME BREAK DOWN	FROM	TO	TIME BREAK DOWN

FROM	TO	FORMATION	TIME BREAK DOWN	FROM	TO	FORMATION	TIME BREAK DOWN	FROM	TO	FORMATION	TIME BREAK DOWN
00	00	Sand stone		000	040	shale					
00	00	shale		040	300	Sand & shale					
00	00	Sand		300	320	shale					
00	00	Sand		320	340	Sand					
00	00	shale		340	380	Sand shale					
00	00	Sand bent shale - water		380	420	Sand					
00	00	water & shale 5 gall p.m.m									

REMARKS -

at overwell with A.M. water
total hole depth 170'
the run to 420' TD
The hole was making approx
5 gallons per minute.

SIGNED: Toolpusher Brian George Company Supervisor