CPS 1392

83A- 30-039-21719

121- 30-039-06949

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** 6W

Name of Well/Wells or Pipeline Serviced Rincon #83A MV Rincon #121 PC

Elevation 6658' **Completion Date** 8/23/79 **Total Depth** 560' **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. 362' - 385' Deep 23' Thick

Depths gas encountered: NA

Type & amount of coke breeze used: Type unknown 5600 lbs

Depths anodes placed: 405' to 495'

Depths vent pipes placed: 540'

Vent pipe perforations: 320'

RECEIVED
MAY 21 1990
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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

CONTRACT #2

Drilling Log (Attach Hereto) ☐ Completion Date 8-23-79

Well Name	Location	CPS No.
RINCON U #83A & 121	SE 23-27-6	1392W

Type & Size Bit Used		Work Order No.
6 3/4	2" X 60" DURIRON	57361.21 & 53461.19

Anode Hole Depth	Total Drilling Depth	Casing Used	Last Circulation Mud Used	No. Sacks Mud Used
560 - 545 TD		560'		

	#1	#2	#3			#6	#7	#8	#9	#10
Anode Depth	495	485	475	465	455	445	435	425	415	405
Anode Output (Amps)	3.2	3.5	3.0	2.5	2.6	3.0	3.2	2.9	3.5	3.3
Anode Depth	#11	#12	#13			#16	#17	#18	#19	#20
Anode Output (Amps)	#11	#12	#13			#16	#17	#18	#19	#20

Total Circuit Resistance			No. 4 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.1	Amps 13.4	Ohms .9		

Remarks: ST% #83A S=.81 #121 SW=.76

DRILLED TO 230' NO WATER OVERNIGHT WATER AT 370' APPROX. 20 GPM. DRILLED 560 FT LOGGED 545 FT INSTALLED 540' OF VENT P.E. WITH 320' PERFORATED SLURRIED 56 SACKS OF COKE.

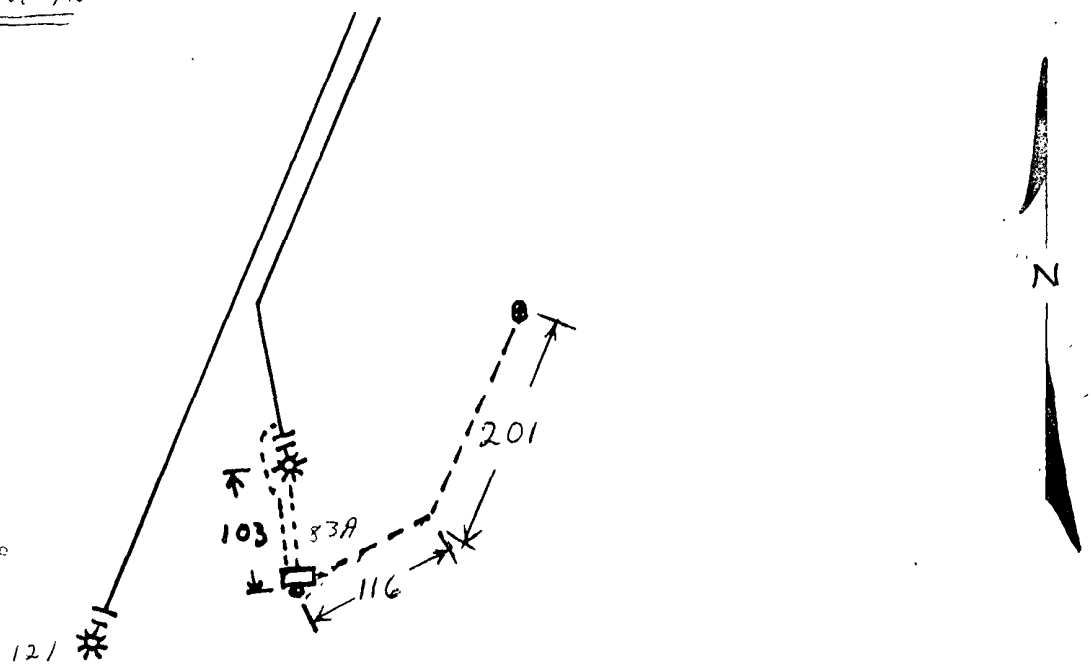
Hole depth = 545
20' meter pole
60V 30A Rect
Ditch + cable = 420'
Extra cable = 128'

Neg TO #121 not plowed in

All Construction Completed

Robert J Babich
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:
WHITE – Division Corrosion Office
YELLOW – Area Corrosion Office
PINK – Originator File

Form 7-1 (Rev 9 77)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 8-23-79
By: RJB
File:

1392 W SE 23-27-6
RINCON U. #83A 57361.21 ST%SE = .81
RINCON U. #121 53461.19 ST%SSW = .76

11 hrs

WATER AT 370' Drilled
560' Logged 545'
WATER APPROX 20 GPM

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	$C_3^=$	9.67

MISC MW		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_2S	5 17
28.01	N_2	4 16
2 02	H_2	3 38

370	.4	
5	.3	
80	.5	
5	.6	
90	.4	
5	.3	
400	.4	
5	1.4	— 10
10	1.8	
5	1.5	- 9
20	1.4	
5	1.4	- 8
30	1.5	
5	1.5	- 7
40	1.4	
5	1.3	- 6
50	1.2	
5	1.3	- 5
60	1.3	
5	1.3	- 4
20	1.4	
5	1.4	- 3
80	1.3	
5	1.2	- 2
90	1.6	
5	1.5	- 1
500	1.1	
5	.8	
10	.6	
5	.5	
20	.5	
5	.7	
30	.6	
5	.5	
40		
5		- TD
50		
5		
60		

NEG to 121 not plowed in

540 FT VENT PIPE
320 FT PERF.
SLURRIED 56 BAGS

Hi Le depth = +45
20' meter pole
60V 30A Rect
Ditch + cable = 420
EXTRA CABLE = 128
(Included 25 FT Hookup wire)

1 - 495 - 1.7 - 3.2
2 - 485 - 1.8 - 3.5
3 - 475 - 1.5 - 3.0
4 - 465 - 1.5 - 2.5
5 - 455 - 1.4 - 2.6
6 - 445 - 1.5 - 3.0
7 - 435 - 1.6 - 3.2
8 - 425 - 1.4 - 2.9
9 - 415 - 1.7 - 3.5
10 - 405 - 1.7 - 3.3

12.1 V 13.4 A = .9 ohms

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE 1392W WELL NO. CONTRACTOR Contract #2 O'Brant RIG NO. REPORT NO. DATE Aug 23 1979

MORNING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

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

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

0 75 Sandstone
75 115 Shale
115 145 Sandstone
145 180 Shale

FROM	TO	TIME BREAKDOWN
180	205	Sandy Shale
205	225	Sand
225	270	Shale
270	355	Shale w/ sand streaks
355	362	Sand - dry
362	380	Sand Water

REMARKS –

DAYLIGHT

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

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

MUD RECORD

Time	Wt.	Vis.
385	385	
385	405	
405	500	
500	560	

MUD, ADDITIVES USED AND RECEIVED

Shale Sandy
Sand
Shale
Sand

FROM	TO	TIME BREAKDOWN

REMARKS –

Drilled To 560 w/ 6 3/4

Logged To 545

Estimate 20 gpm. @ 370 ft.

EVENING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

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

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher Tom O'Brant Company Supervisor