CPS 1081

136 - 30-039-82376
64 - 30-039-06995

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 27 Rng 7W

Name of Well/Wells or Pipeline Serviced Rincon #136 DK Rincon #64 PC

Elevation 6628' Completion Date 10/20/76 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. 195' Deep Thickness unknown

Depths gas encountered: BA

Type & amount of coke breeze used: type unknown 7000 lbs

Depths anodes placed: 380' - 523'

Depths vent pipes placed: NA

Vent pipe perforations: 330'

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

Logged

Drilling Log (Attach Hereto). ☐ Completion Date 10-20-71

Well Name	Location	CPS No.
RINCON #136	NE 23-27-7	1081 W
Type & Size Bit Used: 6 3/4		Work Order No.: 53870
Anode Hole Depth: Log 543'	Total Drilling Rig Time	Total Lbs. Coke Used: 70 Sacks
Lost Circulation Matl Used	No. Sacks Mud Used	

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	525	500	490	480	470	435	410	400	390	380
Anode Output (Amps)	2.5	2.4	2.8	2.7	2.4	1.7	2.0	2.9	2.4	1.8
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 11.8	Amps 11.8	Ohms 1.0		

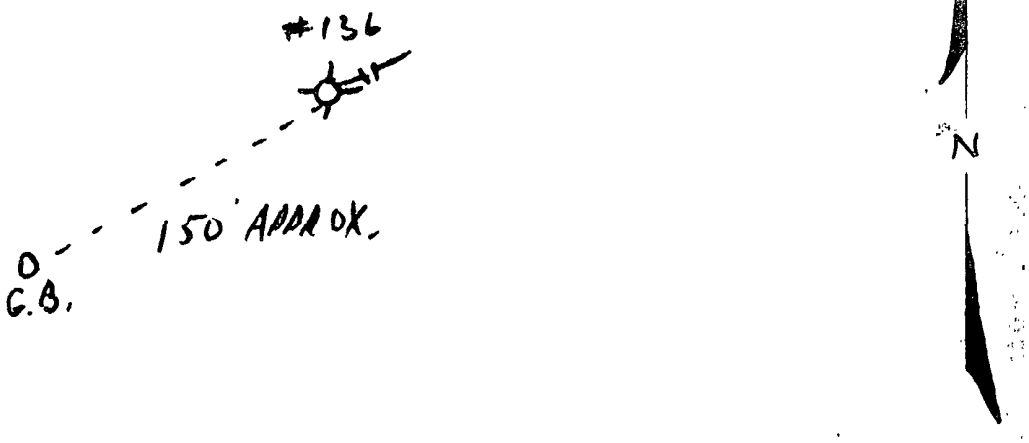
Remarks: DRILLER SAID WATER @ 195'
VENT PERF 330'
70 SACKS SLURRY

$2,648.00
926.40 × Depth
215.00 Addl. Anodes
268.00 " " Cable
4,057.40
162.29
4,219.69
194.50 Rect.
420.00 Coke
213.40 Insp.
50.00 Misc.
$5,097.59

All Construction Completed

C. W. Hamm
(Signature)

GROUND BED LAYOUT SKETCH



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

Form 7-1 (Rev. 8-75)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: ___ of ___
Date: 10-20-76
By: ___
File: ___

RINCON #136 NE 23-27 7 1081W

53870

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

100			30	.1				
10			90	.2				
20				.1				
			50	.1				
30			60	.2				
40			70	.3				
				.4				
50			80	.6				
60			90	.9				
70				.8				
			400	1.0				
80			10	1.0				
90			20	1.2				
				.9				
200			30	.9				
10			40	.7				
20				.7				
			50	.6				
30			60	.7				
40			70	.8				
				.7				
50			80	.6				
60			90	.7				
70				.5				
			500	.9				
80			10	.8				
90			20	.7				
				.5				
300			30	.9				
10			40	1.2				
20				1.1				
				.9				

1	525	1.3	1.5	
2	500	1.3	2.4	
3	490	1.7	2.8	
4	480	1.6	2.7	
5	470	1.3	2.4	
6	435	1.0	1.7	
7	410	1.1	2.0	
8	400	1.9	2.9	
9	390	1.4	2.4	
10	380	1.0	1.8	

Vent Perf 330'

DRILLERS TD WATER @ 195'

TO Sticks

TD 543

11.8A 1.0R

11.8V

Form 22-2 (1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE WELL NO. 1081W CONTRACTOR Rosy RIG NO. REPORT NO. DATE 10-20 1976

MORNING

Driller Total Men In Crew

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

Air Drilled at 540 ft

NO. DC SIZE LENG.

BIT NO.

NO. DC SIZE LENG.

SER NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
6	7	Surface
7	35	Shale
35	40	Sand
40	75	Shale
75	90	Sand
90	110	Shale

REMARKS –

110-140 Sand
140-145 Shale
145-180 Sand, Damp
180-195 Sand wet
195-210 Sandy Shale
210-250 Sand Damp
250-260 Shale
260-320 Sand
320-330 Shale

DAYLIGHT

Driller Total Men In Crew

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

NO. DC SIZE LENG.

BIT NO.

NO. DC SIZE LENG.

SERIAL NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
330	370	Sand wet
370	375	Shale
375	379	Sand
379	382	Shale
382	390	Sand
390	425	Sand

REMARKS –

425-430 Sand
430-435 Shale
435-445 Sand
445-452 Shale
452-456 Sand
456-460 Shale
460-475 Sand
475-490 Shale
490-495 Sandy Shale
495-510 Shale
510-545 Sandy Shale
545-560 Sand

EVENING

Driller Total Men In Crew

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

NO. DC SIZE LENG.

BIT NO.

NO. DC SIZE LENG.

SERIAL NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
Shale		

REMARKS –

Water 195

SIGNED: Toolpusher Company Supervisor