935 #48 30-039-07361
#82 30-039-20236

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec 22 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #48, #82

cps 1126w

Elevation 6764' Completion Date 9/23/77 Total Depth 320' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 120'

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

Depths gas encountered: N/A

Type & amount of coke breeze used: 36 SACKS

Depths anodes placed: 285', 240', 230', 220', 210', 200', 190', 160', 150', 140'

Depths vent pipes placed: 300' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #1

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

Drilling Log (Attach Hereto). ☐ Completion Date 9-23-72

Well Name	Location	CPS No.
San Juan 28-5 #48 / San Juan 28-5 #82	SW 22-28-5	1126 W

Type & Size Bit Used	Work Order No.
6 3/4"	54078.19-50-20 / 184-54701.19-50-20

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
320' logged 310'		36 Sacks		

Anode Depth	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
	285	240	230	220	210	200	190	160	150	140
Anode Output (Amps)	3.6	3.9	4.0	4.2	4.6	3.5	2.7	3.9	3.2	3.8

Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)										

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.7	Amps 16.7	Ohms .70		

Remarks: Driller said hit sand at 100', drilled to 120' before it starte making water.

Statics - #48 - 600' S = .85, #82 - 600' SW = .65

Installed 300' of 1" vent pipe, perforated 200' of vent pipe

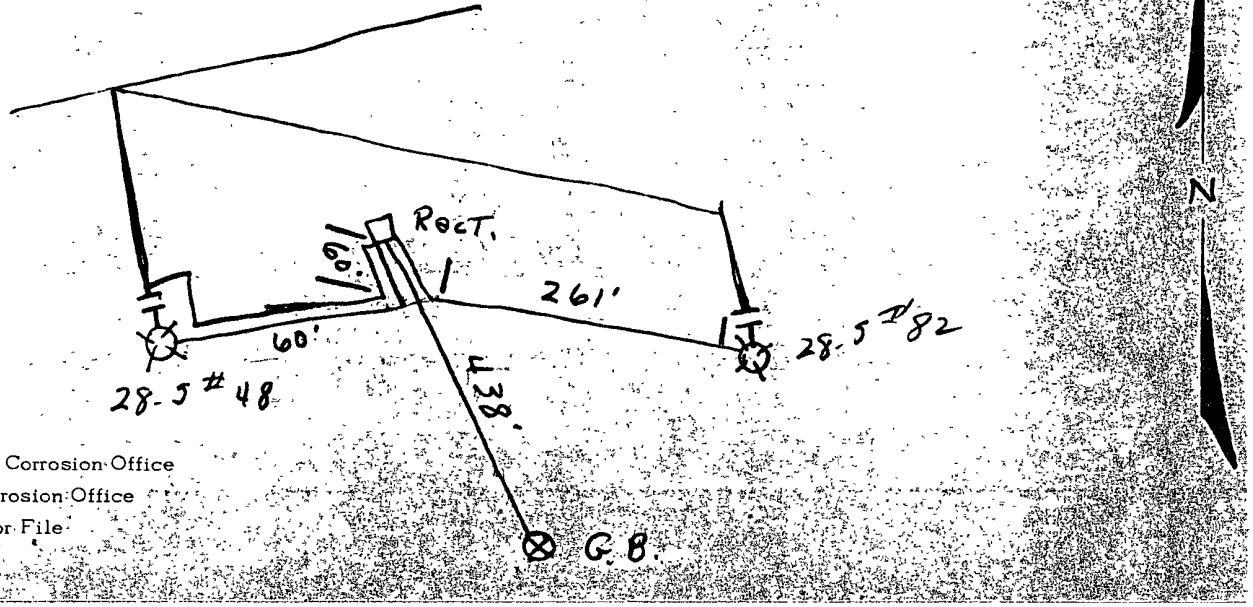
Slurryed 36 sacks of coke Notch = 28-5 #48

60V 30A Rect, stub pole 3 notchs = 28-5 #82

All Construction Completed

Willis Knight Jr.
(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: 9-23-77
By:
File:

SAN JUAN 28-5 #48 w/o 184-54078.19-50-20
SAN JUAN 28-5 #82 w/o 184-54701.19-50-20
SW 22-28-5
CPS 1126 W

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

STATIC #48-600 SW = .85						DRILLER Said HIT SAND AT 100'		
STATIC #82-600 SW = .65						DRILLED TO 120' Before IT STARTED		
60V 30A Rect.						making WATER		
STD Pole						INSTALLED 300' of 1" VENT PIPE		
						PERFORATED 200' of VENT PIPE		
						SLURRYED	36 SACKS	COKE
120	1.1		20	.6				
	1.0			.6				
30	1.2		80	1.2				
	1.8			1.5	①			
40	2.0	⑩	90	1.4				
	1.9			1.5				
50	1.5	⑨	300	1.3				
	2.0			1.7				
60	1.4	⑧	10 logged		310			
	1.0		TD		320			
70	.9		20					
	.7							
80	.7		~~30~~					
	.9							
90	1.6	⑦	~~40~~					
	1.9					① 285	1.5	3.6
200	1.5	⑥	50			② 240	1.4	3.9
	2.5					③ 230	2.0	4.0
10	2.2	⑤	60			④ 220	2.2	4.2
	1.8					⑤ 210	2.5	4.6
20	1.8	④				⑥ 200	1.9	3.5
	1.6					⑦ 190	1.4	2.7
30	1.6	③				⑧ 160	2.3	3.9
	1.4					⑨ 150	1.7	3.2
40	1.3	②				⑩ 140	2.4	3.8
	1.2							
50	.8					11.7 VOLTS		
	.3					16.7 AMPS		
60	.3					.70 ohms		
	.7							

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE WELL NO. 1126W CONTRACTOR Losey RIG NO. REPORT NO. DATE 9-23 1977

MORNING

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			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN

REMARKS –

0-2 Surface
2-20 Sand stone
20-40 Shale
40-60 Sandy Shale
60-80 Shale
80-100 Sandy Shale
100-120 Shale wet making water

DAYLIGHT

Driller Bob Losey 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 6 3/4 SINGLES

TYPE Rock DOWN ON KELLY

MAKE TOTAL DEPTH

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN

REMARKS –

120-140 Sandy Shale
140-160 Shale
160-180 Sandy Shale
180-200 Shale
200-220 Sandy Shale
220-240 Shale
240-260 Sandy Shale

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			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN
		Loged 310
		Drilled 320
		T.D. 315

REMARKS –

260-290 Shale
290-300 Sandy Shale
300-310 Shale
310-320 Sandy Shale

SIGNED: Toolpusher _____ Company Supervisor _____