

925 #43 30-039-07306
#78 30-039-20105

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. 25 Twp 25 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #43, #78

cps 1132w

Elevation 6815' Completion Date 9/20/77 Total Depth 340' 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. 110' - 120'

Depths gas encountered: N/A

Type & amount of coke breeze used: 39 SACKS

Depths anodes placed: 300', 290', 2245', 235', 225', 215', 205', 186', 170', 160'

Depths vent pipes placed: 305' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #1

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

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 9-20-72

Well Name <u>S.J. 28-5 #43</u> <u>S.J. 28-5 #78</u>		Location <u>SW 25-25-5</u>		CPS No. <u>1132W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>53966-19-50-20</u> <u>184-54558-19-50-20</u>	
Anode Hole Depth <u>340'</u> <u>logged 335'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>39 Sacks</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>300</u>	# 2 <u>290</u>	# 3 <u>245</u>	# 4 <u>235</u>	# 5 <u>225</u>	# 6 <u>215</u>
# 7 <u>205</u>	# 8 <u>180</u>	# 9 <u>170</u>	# 10 <u>160</u>		
Anode Output (Amps)					
# 1 <u>3.6</u>	# 2 <u>4.4</u>	# 3 <u>3.3</u>	# 4 <u>3.3</u>	# 5 <u>5.0</u>	# 6 <u>2.7</u>
# 7 <u>3.5</u>	# 8 <u>4.3</u>	# 9 <u>5.3</u>	# 10 <u>4.1</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts <u>11.5</u>	Amps <u>19.4</u>	Ohms <u>.59</u>	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: DRILLER said HIT WATER 110' TO 120', NEXT AM APPROX. 20' OF WATER IN hole.

STATIC - #43 = .20, #78 = .70

INSTALLED 305' OF 1" VENT PIPE, PERFORATED 200' OF VENT PIPE

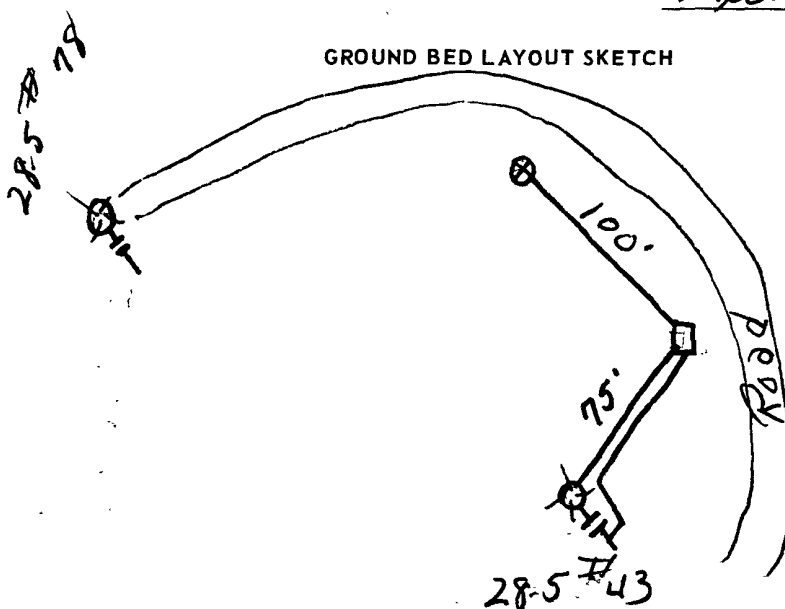
SLURRIED 39 SACKS OF COKE 1 NOTCH = 28-5 #43

60V 30A RECT. STUB POLE

All Construction Completed

Willis Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: _____ of _____
Date: 9-20-77
By: _____
File: _____SAN JUAN 28-5 #43
SAN JUAN 28-5 #78
SW 25-28-5
CPS 1132WW/O 184-53966.19-50-20
W/O 184-54558.19-50-20

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

STATIC #43- 600' NW = 0.70		DRILLER SOLD WET AT 110' TO 120'	
STATIC #78- 600' NE = 0.70		VERT. AM. APPROX. 20' WATER IN	
60V 30A Rect		hole.	
STUD Pole		INSTALLED 305' OF 1" VENT PIPE	
		PERFORATED 200' OF VENT PIPE	
		SLURRIED 39 SACKS OF COKE	
110	1.4		
	1.4		
120	1.0	50	1.6 3
	.8		
30	.8	60	.8
	.7		
40	1.5		.7
	2.2	70	.4
50	2.2		.4
	2.5	80	.4
60	2.2 ⑩		.7
	2.6	90	2.1 ②
70	2.9 ⑨		1.9
	2.9	300	1.9 ①
80	2.2 ⑧		1.7
	1.0	10	1.8
90	.5		1.8
	.6	20	2.2
200	1.1		2.1
	1.8 ⑦	30	1.9
10	1.7	logged 335	
	2.1 ⑥	40 T.D. 340	
20	2.2	① 300	2.0 3.6
	2.9 ⑤	② 290	2.2 4.4
30	2.8	③ 245	1.9 3.3
	1.7 ④	④ 235	2.0 3.3
40	1.8	⑤ 225	3.0 5.0
		⑥ 215	2.2 2.7
		⑦ 205	1.8 3.5
		⑧ 180	2.6 4.3
		⑨ 170	3.1 5.3
		⑩ 160	2.4 4.1
		11.5 VOLTS	
		19.4 AMPS	
		.59 OHMS	

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor ____