

4990

30-039-21687

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

Operator MERIDIAN OIL Location: Unit SE Sec. 12 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #20A
cps 1371w

Elevation 6628' Completion Date 9/24/79 Total Depth 420' 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. 155' & 285'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 375', 365', 355', 345', 330', 320', 285', 285', 255', 245'

Depths vent pipes placed: 380'

Vent pipe perforations: 250'

Remarks: gb #1

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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

CONTRACT 2

Drilling Log (Attach Hereto). ☐

Completion Date: 9-24-79

Well Name SAN JUAN 28-6 #20A		Location SE12-28-6		CPS No. 1371W	
Type & Size Bit Used 6 3/4"		2" X 60" DURIUM		Work Order No. 57387.21	
Anode Hole Depth 420-420+0	Total Drilling Rig Time	Total Lbs. Coke Used 3800	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	375	365	355	345	330
	# 6	# 7	# 8	# 9	# 10
	320	295	285	255	245
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	2.7	4.0	3.3	3.4	3.0
	# 6	# 7	# 8	# 9	# 10
	4.1	2.4	2.8	2.5	2.6
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	Volts 12.0		Amps 14.0		Ohms .86
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

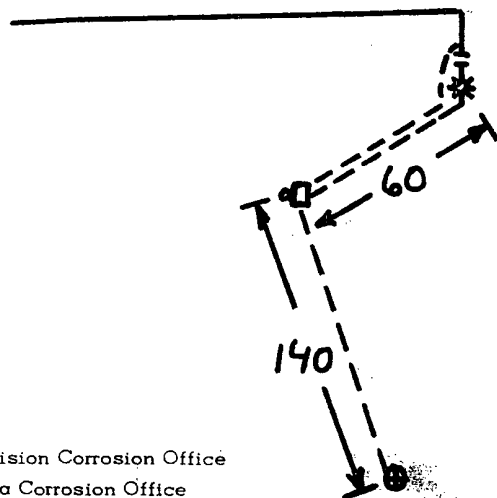
Remarks: **ST 1/2 E = .94 WATER AT 155 + 285 TOTAL APPROX 56PM**
DRILLED 420 LOGGED 420 INST 380 FT OF VENT PIPE
WITH 250 FT PERF SLURRIED 38 SACKS OF COKE

Hole depth = -80
 STUB POLE
 400 16A RECT
 DITCH & cable = 200
 EXTRA cable = 85

All Construction Completed

Robert J. Bahnik
 (Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6628

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 9-24-79
By: RFB
File: 1371V1371W SE12-28-6
5528-6#20A 57387.21
ST 1/2 600' E = .94 UNION = OK

9-24-79 = 11 hrs

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

150	.5	375	1.5 - 1
5	1.1	80	.8
60	1.8	5	.6
5	2.3	90	.6
70	2.6	5	.5
5	2.6	400	.5
80	2.6	5	.6
5	2.6	10	.5
90	2.5	5	
5	2.4	20	
200	1.8		
5	1.8		
10	.9		
5	.7		
20	1.1		
5	1.4		
30	.7		
5	.8		
40	1.4		
5	1.6 - 10		
50	1.6		
5	1.3 - 9		
60	1.1		
5	1.0		
70	.6		
5	.4		
80	.6		
5	1.6 - 8		
90	1.4		
5	1.3 - 7		
300	1.0		
5	.9		
25	10		
5	1.0		
20	2.1 - 6		
5	2.2		
30	1.9 - 5		
5	.9		
40	1.3		
5	2.0 - 4		
50	1.8		
5	1.8 - 3		
60	1.9		
5	2.3 - 2		
70	2.0		

WATER AT 150 FT DRILLED 420 FT
Logged 420 FT INST 380 FT OF
VENT PIPE WITH 250 FT PERF.
Slurried 38 SACKS OF COKE
TOTAL WATER APPROX 5 G.P.M.

Hole depth = -80
STUB POLE
400 16A Reel
Ditch + cable = 200
EXTRA CABLE = 85

- ① 375 - 1.8 - 2.7
- ② 365 - 2.7 - 4.0
- ③ 355 - 2.0 - 3.3
- ④ 345 - 2.2 - 3.4
- ⑤ 330 - 2.0 - 3.0
- ⑥ 320 - 2.3 - 4.1
- ⑦ 295 - 1.4 - 2.4
- ⑧ 285 - 1.7 - 2.8
- ⑨ 255 - 1.5 - 2.5
- ⑩ 245 - 1.6 - 2.6

12.0V 14.0A = .86 chas

Contract # 2

791

SIGNED: Lois O'Brian Company Supervisor Kurt Westmacott

SIGNED: Toolpusher

Company Supervisor

Kunt Westmealand