

1049

31-30-039-07022

116-30-039-20206

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 NE Sec. 24 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #31, #116

cps 1715w

Elevation 6579' Completion Date 9/28/83 Total Depth 200' 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. 30' NO SAMPLE

Depths gas encountered: N/A

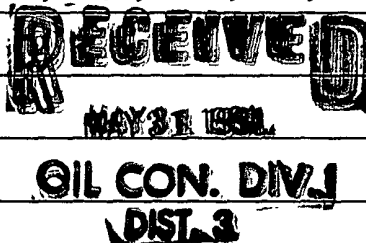
Type & amount of coke breeze used: 2000 lbs.

Depths anodes placed: 170', 145', 135', 125', 115', 100', 85', 75', 65', 50'

Depths vent pipes placed: 200'

Vent pipe perforations: 180'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9/28/83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1715W	S.J. 27-5 #31	53432-19-50-20-64	600' W = .90 V	☒ Good ☐ Bad
	S.J. 27-5 #116	54696-19-50-20-64	600' W = .82 V	
Location:	Anode Size:	Anode Type:	Size Bit:	
NE 24-27-5	2" X 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used
200'	200'		2000	0
No. Sacks Mud Used: 1				
Anode Depth				
# 1 170'	# 2 145'	# 3 135'	# 4 125'	# 5 115'
# 6 100'	# 7 85'	# 8 75'	# 9 65'	# 10 50'
Anode Output (Amps)				
# 1 1.9	# 2 2.75	# 3 2.37	# 4 2.42	# 5 2.46
# 6 3.05	# 7 2.92	# 8 3.82	# 9 3.22	# 10 3.16
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 12.12	Amps 13.06	Ohms .9		

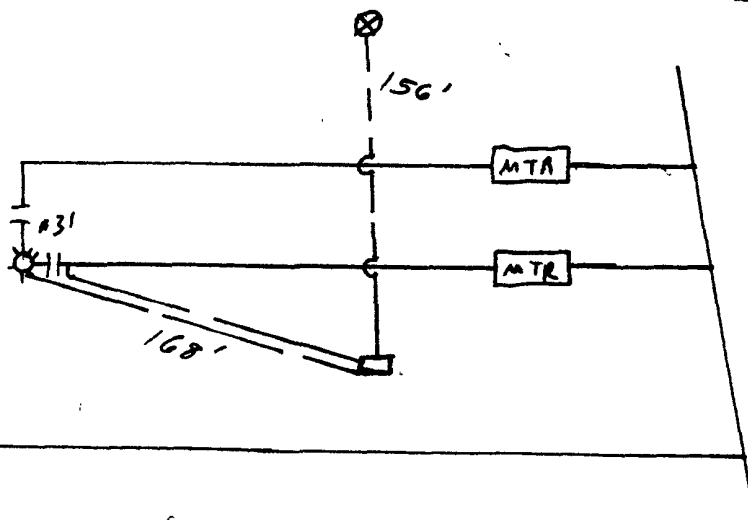
Remarks: Driller said water at 30'. Approx 20 gals/min. Drilled with mud
 no water sample. Drilled 200'. Logged 200'. Installed 200' of 1" p.v.c.
 vent pipe, perforated 180'.

Rectifier Size: 60 V 30 A
 Addn'l Depth: —
 Depth Credit: 300'
 Extra Cable: 198'
 Ditch & 1 Cable: 324'
 25' Meter Pole: 1
 20' Meter Pole: —
 10' Stub Pole: —

All Construction Completed.

(Signature)
 (Signature)

GROUND BED LAYOUT SKETCH



Time	Res.	O.T.
10 Hrs	8	2

N

6579

EL PASO NATURAL GAS COMPANY

Form 7-354 (Rev 11-77)

Sheet: _____ of _____

Date: 9/28/83

By: *jl*

CPS 1715 W

S.J. 27-5 - 31

W.O. 53432-19-50-20-64

NE 24-27-5

S.J. 27-5 " 116

54696-19-50-20-64

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	C ₄ 12.38
58.12	nC ₄ 11.93
72.15	C ₅ 13.85
72.15	nC ₅ 13.71
86.18	C ₆ 15.50
86.18	C ₆ 15.57
100.21	C 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

MW	MISC	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 ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

4.0 -	4.42		DRILLER SAID WATER AT 30'
4.0 -	2.42		- APPROX 20 GAL/MIN. DRILLED
	2.127		WITH MUD. NO WATER SAMPLE
5.0 -	1.92	(9)	DRILLED 200', LOGGED 200'
	1.78		INSTALLED 200' OF 1" PVC
6.0 -	1.97		VENT PIPE, PERFORATED 150'
	1.94	(9)	
7.0 -	2.02		
	2.48	(8)	
8.0 -	1.95		
	1.64	(6)	
9.0 -	1.53		
	1.49		
10.0 -	1.98	(6)	
	1.48		
10 -	1.46		
	1.45	(5)	
20 -	1.37		
	1.56	(4)	
30 -	1.37		
	1.35	(3)	
40 -	1.22		
	1.32	(2)	
50 -	1.23		
	1.12		
60 -	1.03		
	1.24		
70 -	1.26	(1)	
	1.18		
80 -	1.12		
	1.44		
90 -	1.82		
200 -	T.P.		

12.12 V. 13.6A. = .92

- 1 - 170 - 1.24 - 1.9
- 2 - 145 - 1.32 - 2.75
- 3 - 135 - 1.38 - 2.37
- 4 - 125 - 1.53 - 2.42
- 5 - 115 - 1.39 - 2.46
- 6 - 100 - 1.9 - 3.65
- 7 - 85 - 1.6 - 2.92
- 8 - 75 - 2.47 - 3.82
- 9 - 65 - 1.9 - 3.22
- 10 - 50 - 1.92 - 3.16

CPS-1715 w DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Company Supervisor _____