

1049

31- 30-039-07022

110- 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

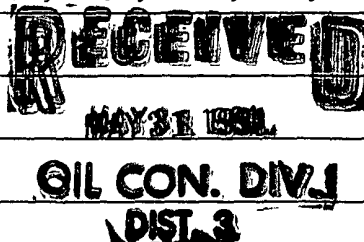
Type & amount of coke breeze used: 2000 lbs.

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. Goke 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		

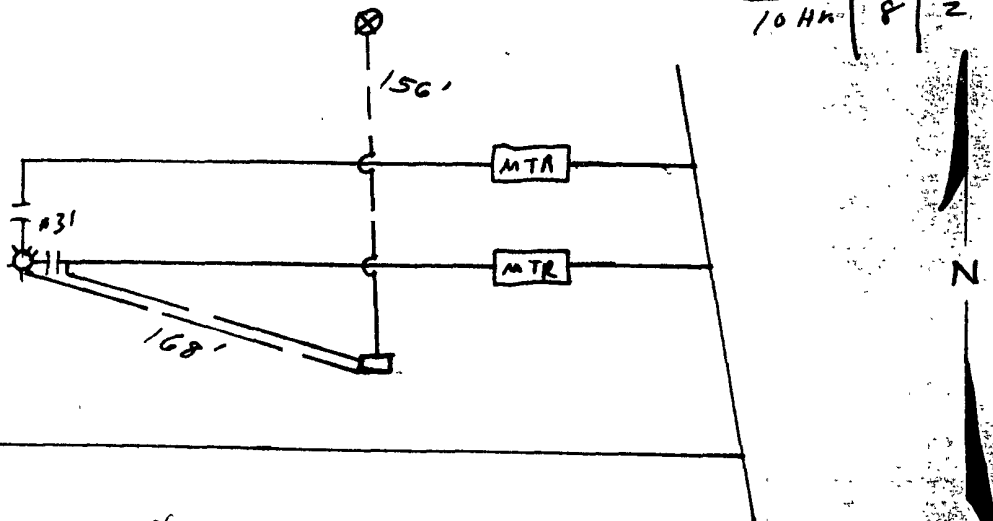
Remarks: Driller said water at 30'. Approx 20 gals/min. Drilled with mud
NO WATER SAMPLE. Drilled 200'. Logged 200'. INSTALLED 200' of 1" p.v.c.
VENT pipe, perforated 180'.

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:

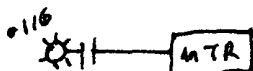
All Construction Completed:

[Signature]
(Signature)

GROUND BED LAYOUT SKETCH



(E.P.M.G. will flow)
 Neg. TO #116



6579

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	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

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

40-	4.42	Driller said water at 30'
	2.42	- Approx 20 gal/min. Drilled
	2.27	with mud. No water sample.
50-	1.92 - (9)	Drilled 200, Logged 200.
	1.78	Installed 200' of 1" pvc.
60-	1.97	vent pipe, Perforated 180'.
	1.94 - (9)	
70-	2.02	
	2.48 - (8)	
80-	1.95	
	1.64 - (7)	
90-	1.53	
	1.49	
100-	1.98 - (6)	
	1.48	
10-	1.46	
	1.45 - (5)	
20-	1.37	
	1.56 - (4)	
30-	1.37	12.12 V, 13.6A, = .92
	1.35 - (3)	
40-	1.22	1 - 170 - 1.24 - 1.9
	1.32 - (2)	2 - 145 - 1.32 - 2.75
50-	1.23	3 - 135 - 1.38 - 2.37
	1.12	4 - 125 - 1.53 - 2.42
60-	1.03	5 - 115 - 1.39 - 2.46
	1.24	6 - 100 - 1.9 - 3.05
70-	1.26 - (1)	7 - 85 - 1.6 - 2.92
	1.18	8 - 75 - 2.47 - 3.82
80-	1.12	9 - 65 - 1.9 - 3.22
	1.44	10 - 50 - 1.92 - 3.16
90-	1.82	
200-	T.P.	

