

E

852

30-039-20974

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. 25 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #94

cps 1253w

Elevation 7009' Completion Date 9/19/78 Total Depth 350' 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. 190'

Depths gas encountered: N/A

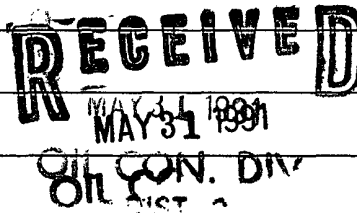
Type & amount of coke breeze used: 41 SACKS

Depths anodes placed: 315', 3-5', 295', 285', 260', 250', 235', 210', 200', 190'

Depths vent pipes placed: 347'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Contract #3

Completion Date 9/19/78

Well Name S.J. 28-5 #94		Location SE 25-28-5		CPS No. 1253 W	
Type & Size Bit Used 6 7/4		(2" X 60" DUPLOH)		Work Order No. 55636-21	
Anode Hole Depth 350' T.P. 347'	Total Drilling Rig Time	Total Lbs. Coke Used 41 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 315'	# 2 205'	# 3 295'	# 4 285'	# 5 260'	# 6 250'
# 7 235'	# 8 210'	# 9 200'	# 10 190'		
Anode Output (Amps)					
# 1 3.4	# 2 3.5	# 3 2.4	# 4 3.2	# 5 2.8	# 6 4.2
# 7 2.7	# 8 3.0	# 9 3.9	# 10 3.9		
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		
Volts 11.6			Amps 14.2		
Ohms .82			No. 2 C.P. Cable Used		

Remarks: STATIC 600' E = .79 V. DRILLER SAID WATER AT 190' APPROX. 5 GAL/MIN. TOOK WATER SAMPLE. WATER SAMPLE WOULD NOT SETTLE ON T. DRILLED TO 350', DROPPED 300' OF PIPE IN HOLE. RETRIEVED PIPE LOGGED HOLE NEXT A.M. TO 347'. INSTALLED 347' OF 1" P.V.C. VENT PIPE PERFORATED 200'.

DITCH + 1 CABLE = 303'

EXTRA CABLE = 148'

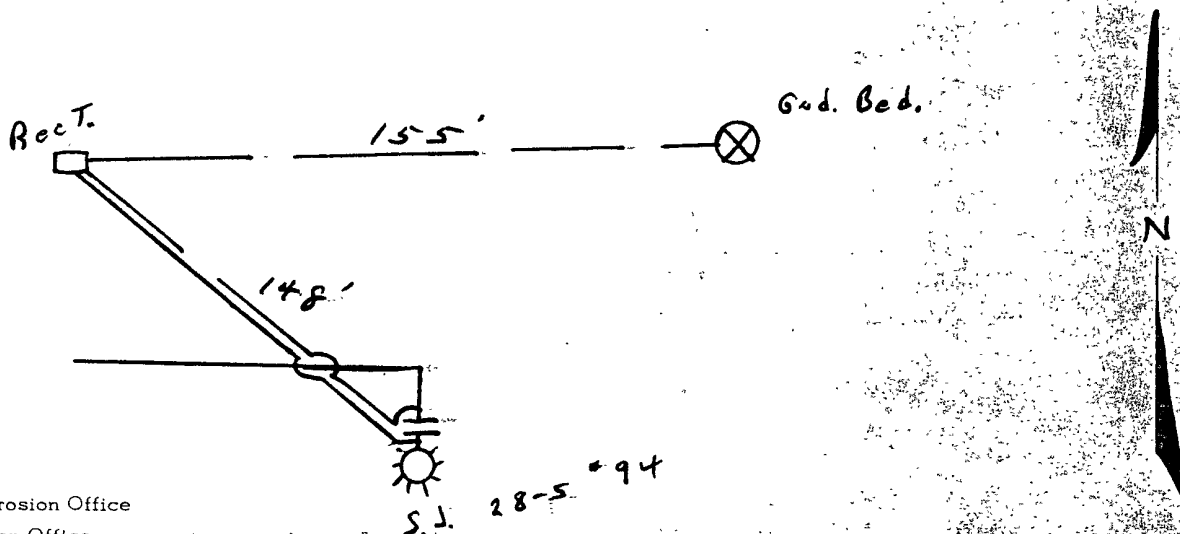
20' METER POLE + 40V 16A RECT.

HOLE DEPTH = 153'

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

7009

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

CPS * 1253 W

S.J-28-5*94

SE 25-28-5

55636-21

Driller SAID WATER AT 190'.
Approx. 5 gal/min. Took
WATER SAMPLE. WATER SAMPLE
WOULD NOT SETTLE OUT.
Drilled To 350'. Dropped
300' of Pipe in Hole. Retrieved
Pipe. Logged Hole next A.M.
To 347'.

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

190- 1.1 - 10 60-
2.3
200- 2.0 - 9 70-
1.7
10- 1.6 - 8 80-
.3
20- .2 90-
.8
30- 1.1 400-
1.1 - 0
40- .9
1.4
50- 1.6 - 6
1.3
60- 1.2 - 5
.6
70- .7
.9
80- .9
1.3 - 4
90- 1.3
1.0 - 3
300- .9
1.1 - 3
10- 1.3
1.6 - 0
20- 1.5
1.2
30- 1.5
1.7
40- 1.7
347- Logged.
50- Drilled.
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1- 315 - 1.5 - 3.4
2- 305 - 1.9 - 3.5
3- 295 - 1.2 - 2.4
4- 285 - 1.7 - 3.2
5- 260 - 1.3 - 2.8
6- 250 - 1.9 - 4.2
7- 235 - 1.3 - 2.7
8- 210 - 1.5 - 3.0
9- 200 - 1.8 - 3.9
10- 190 - 1.8 - 3.6

11.6 V. 14.24 = .82 ✓

9/19/78

JR

