

667

#7 - 30-039-07465
#85E - 30-039-23834

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. 8 Twp 28 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #7, #85E

cps 1107w

Elevation 6549' Completion Date 9/7/77 Total Depth 320' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf 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'Depths gas encountered: N/AType & amount of coke breeze used: 57 SACKSDepths anodes placed: 265', 255', 245', 235', 225', 215', 160', 150', 140', 130'Depths vent pipes placed: 280' OF 1" PVC VENT PIPEVent 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 9-7-77

Well Name SAN JUAN 28-5 UNIT # 7		Location SW 8-28-5		CPS No. 1107W	
Type & Size Bit Used 6 3/4"				Work Order No. 52577.19	
Anode Hole Depth 320 Logged-315	Total Drilling Rig Time	Total Lbs. Coke Used 57	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 265	# 2 255	# 3 245	# 4 235	# 5 225	# 6 215
# 7 160	# 8 150	# 9 140	# 10 130		
Anode Output (Amps)					
# 1 2.5	# 2 3.2	# 3 2.9	# 4 2.9	# 5 2.8	# 6 3.6
# 7 3.8	# 8 4.6	# 9 3.5	# 10 3.2		
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 11.6		Amps 14		Ohms 0.83	

Remarks: Static 600' S = 0.75. Driller said making water @ 110'
Perforated 200' of 1" PVC Vent Pipe, Installed 280' of 1" PVC Vent P.
Slurried 57 Sacks of Coke.

Installed 40V 16A Rectifier & Stub Pole.

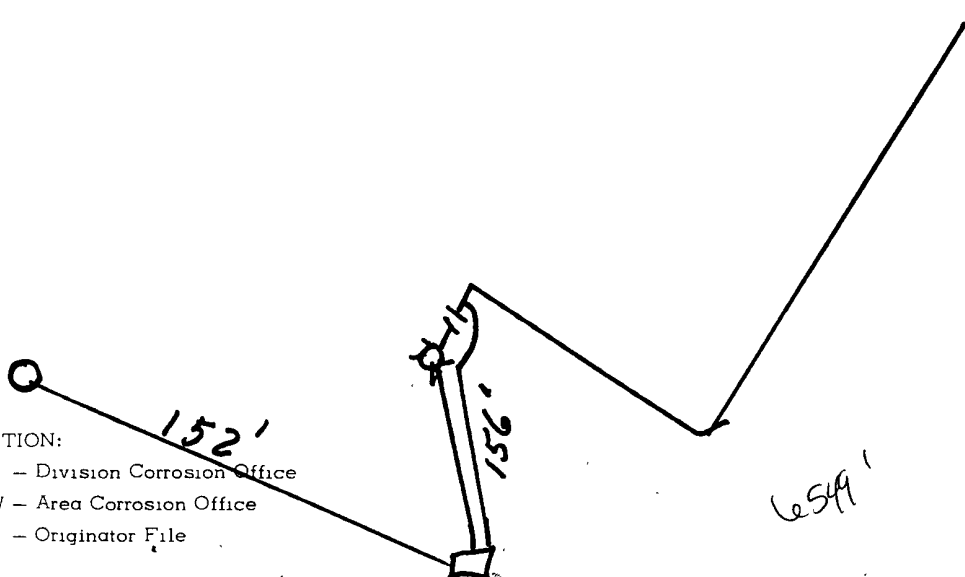
All Construction Completed

V. L. Lutz
(Signature)

GROUND BED LAYOUT SKETCH

DISTRIBUTION:

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



El Paso Natural Gas Company
ENGINEERING CALCULATION

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

SAN JUAN 28-5 Unit #7 SW 8-28-5 1107W 52577.19

STATIC GOR'S = 0.75

40 V 16 A Rect.

Stub Pole

DRILLER SAND MAKING WATER @ 110'
DRILLED TO 120' NEXT AM. BLEW WATER
PERFORATED 200' OF 1" PVC VENT PIPE
INSTALLED 280' OF 1" PVC VENT PIPE
SHIPPED 57 SACKS OF COKE

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

120 .5 80 .3

.8 .8

30 1.0 (10) 90 .7

1.8 .6

40 1.8 (9) 300 .8

2.0 .8

50 2.2 (8) 10 .6

2.1 315 + D

60 1.9 (7) 20

1.3

70 .8

.6

80 .6

.5

90 .4

.4

200 .4

.5

10 .8

1.5 - (6)

20 1.6

1.2 - (5)

30 1.0

1.2 - (4)

40 1.1

1.2 - (3)

50 1.2

1.5 - (2)

60 1.6

1.2 - (1)

70 1.0

.4

① 265 1.6 2.5

② 255 2.0 3.2

③ 245 1.6 2.9

④ 235 1.7 2.9

⑤ 225 1.7 2.8

⑥ 215 1.9 3.6

⑦ 160 2.1 3.8

⑧ 150 2.5 4.6

⑨ 140 1.9 3.5

⑩ 130 1.7 3.2

14.0 Amps

11.6 Volts

0.83 Ohms

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

