

950 #87 30-039-07346
#143 30-039-20156
#458 30-039-24890

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 20 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #87, #143, #458

cps 1162w

Elevation 6561' Completion Date 7/19/77 Total Depth 500' 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. WET AT 80' WATER AT 300'

Depths gas encountered: N/A

Type & amount of coke breeze used: 62 SACKS

Depths anodes placed: 400', 390', 380', 370', 360', 350', 340', 330', 320', 310'

Depths vent pipes placed: 480'

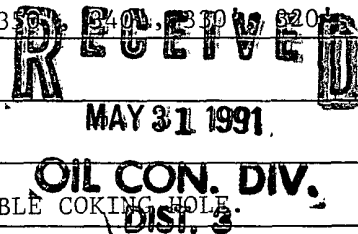
Vent pipe perforations: 380'

Remarks: gb #1 NO RESPONSE ON #1 ANODE. HAD TROUBLE COKING HOLE.

gb #2

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.



CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date **7-19-77**

Well Name SAN JUAN 28-6 UNIT # 87 SAN JUAN 28-6 UNIT # 143		Location SW 20-28-6		CPS No. 1162W	
Type & Size Bit Used 6 3/4"		Work Order No. #87-40240 #143-54563			
Anode Hole Depth 500 - 476	Total Drilling Rig Time	Total Lbs. Coke Used 62	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 400	#2 390	#3 380	#4 370	#5 360	#6 350
#7 340	#8 330	#9 320	#10 310		
Anode Output (Amps)					
#1 2.7	#2 2.7	#3 2.8	#4 3.0	#5 2.3	#6 3.0
#7 2.8	#8 2.8	#9 2.4	#10 3.1		
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					
Volts 12.3	Amps 10.8	Ohms 1.13 ~			
No. 8 C/P Cable Used			No. 2 C/P Cable Used		

Remarks: **STATIC #87 600' E = 0.74, STATIC #143 600' S = 0.74.**

DRILLER SAID WET @ 80'. MAKING SOME WATER @ 300'. DRILLED TO 360'. AFTER 2 DAYS WATER STANDING @ 305'. DRILLED TO 500' & LOGGED HOLE. NO RESPONSE ON #1 ANODE. ABANDONED #1 ANODE. HAD TROUBLE GETTING ANODES PAST 230'. HAD TROUBLE COKING HOLE.

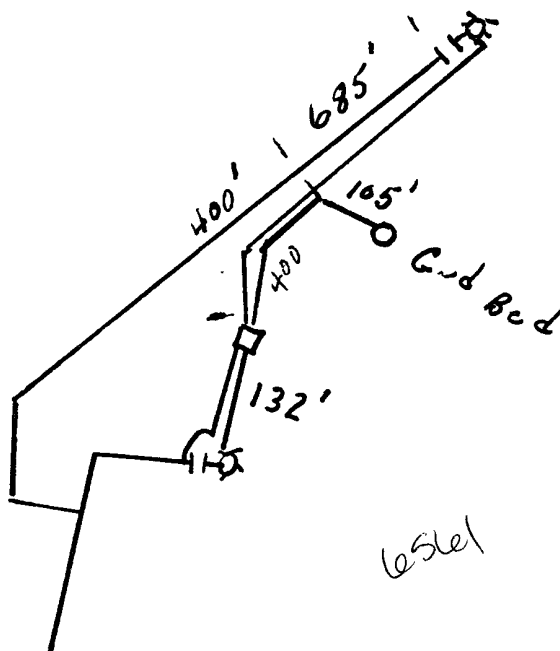
UNIT #87 MARKED WITH 1 NOTCH & UNIT #143 MARKED WITH 3 NOTCHES
60-30 RECTIFIER & STUB POLE

All Construction Completed

W. L. Louder

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

65141

4620
580

SAN JUAN 28-6 UNIT # 97

SAN JUAN 28-6 UNIT # 43

SW 28-28-6

11/22/61

40240

54563

Static #87 = 600' E 0.74

Static #102 = 600' S 0.74

60V 30A Rectifier

Stub Pole

DRILLER SAID WOL @ 80'

MAKING SOME WATER @ 300'

DRILLED TO 360 AFTER 3 DAYS

WATER STANDING @ 305'

DRILLED TO 500 & LOGGED HOLE

PERFORATED 380' OF 1" DIA VENT PIPE

INSTALLED 480' OF 1" PVC VENT PIPE

UNABLE TO GET #1 ANODE TO RESPOND

SUPPLIED 62 SACKS OF COKE

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.43
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.2
156	C ₇ 17.46
170	C ₈ 19.38
184	C ₉ 21.64
198	C ₁₀ 24.07

250 400 1.2 ①

60

10

.8

70

20

.8

80

30

.8

90

40

.7

300

.7

50

1.4

②

10

1.2

②

60

1.5

②

20

1.4

②

50

1.0

30

1.3

②

80

1.0

40

1.4

②

90

1.0

50

1.4

②

500

60

1.2

②

10

70

1.3

②

20

80

1.4

②

90

1.2

②

100

1.4

②

④ 460 1.4

① 400 1.6

2.7

⑤ 450 1.8

② 390 1.7

2.7

③ 395

③ 380 1.6

2.8

④ 380

④ 370 1.6

3.0

⑤ 370

⑤ 360 1.5

2.3

⑥ 365

⑥ 350 1.8

3.0

⑦ 355

⑦ 340 1.7

2.8

⑧ 355

⑧ 330 1.9

2.8

⑨ 320

⑨ 320 1.8

2.4

⑩ 310

⑩ 310 1.6

3.1

12.3 V

10.8 A

1.13

1.13

10.8/12.3

10.8

1.50

20.8

3.20

27.6

10.40

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Company Supervisor