

1379

#27A 30-039-22226

E

#84 30-039-07053

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. 15 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #27A, #84

cps 1609w

Elevation 6462' Completion Date 7/14/81 Total Depth 460' 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. 130' SAMPLE WOULD NOT SETTLE OUT

Depths gas encountered: N/A

Type & amount of coke breeze used: 5500 lbs.

Depths anodes placed: 430', 420', 410', 400', 390', 380', 360', 345', 330', 315'

Depths vent pipes placed: 452'

Vent pipe perforations: 340'

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) ☐

(2" x 60" Durion)

Completion Date 7/14/81

Well Name S.J. 28-6 #27 A		Location SE 15-27-6		CPS No. 1609 W	
S.J. 28-6 #84				Work Order No. 57849-21-50-20	
Type & Size Bit Used 6 3/4"				53572-19-50-20	
Anode Hole Depth 460 T.D. 452'	Total Drilling Rig Time	Total Lbs. Coke Used 5,500'	Lost Circulation Material Used		No. Sacks Mud Used
Anode Depth	# 1 430'	# 2 420'	# 3 410'	# 4 400'	# 5 390'
	# 6 380'	# 7 360'	# 8 345'	# 9 330'	# 10 315'
Anode Output (Amps)	# 1 3.2	# 2 2.9	# 3 3.1	# 4 3.4	# 5 3.3
	# 6 3.0	# 7 3.3	# 8 2.9	# 9 2.7	# 10 3.3
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 12.2	Amps 15.2	Ohms .8			

Remarks: STATIC ON S.J. 28-6 #27 A 600' N = .85 V. STATIC ON S.J. 28-6 #84 600' N = .77 V unions checked OK. Driller said WATER AT 130', Approx. 1 gal/min. Drilled To 160'. Could not drill deeper without INJ. WATER standing in Hole next A.M. AT 130'. Hole making approx. 10 gal/min. AT 300'. Drilled To 460', logged 452'. INSTALLED 452' of 1" P.V.C. VENT pipe. Perforated 340'. WATER sample would not settle out COKE Breeze was hauled in Bulk. EST. 5500 LB. COKE IN Hole

All Construction Completed

Ditch + 1 cable = 310'

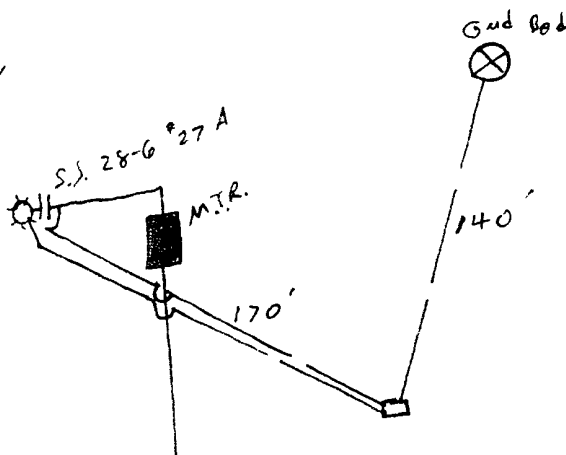
extra cable = 190'

60 V 30 A Rect.

Stub Pole

Hole Depth - 48'

GROUND BED LAYOUT SKETCH



JE Stahl
(Signature)
S.J. 28-6 #84

Nos.	Reg.	O.T.
8	2	

DISTRIBUTION

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

4442

Date: _____

By: _____

CPS * 1609 W

SU 28-6 * 27-A

SE 15 27-6

57849-21-50-20

28-6 * 28-A

53572-19-50-20

MW#	gals/mol
16.04 C1	6.4
30.07 C2	10.12
44.10 C3	10.42
58.12 IC4	12.38
58.12 nC4	11.93
72.15 IC5	13.85
72.15 nC5	13.71
86.18 IC6	15.50
86.18 C6	15.57
100.21 IC7	17.25
100.21 C7	17.46
114.23 C8	19.39
28.05 C2	9.64
42.08 C3	9.67

MW#	MISC	gals/mol
32.00 O2		3.37
28.01 CO		4.19
44.01 CO2		6.38
64.06 SO2		5.50
34.08 H2S		5.17
28.01 N2		4.16
2.02 H2		3.38

130 -	310 -	4	Driller said water AT 130'
	1.4 -	⑩	Drilled To 160', could not
40 -	20 -	1.2	Drill deeper with out 100'
	1.2		water standing in hole next
50 -	30 -	1.2 - ⑨	1-M. AT 130' Took water sample
	1.1		Hole making approx. 1 gal/min
60 -	40 -	1.2	10 gal/min AT 300' Drilled To
	1.2 - ⑧		460', Logged 452' installed
70 -	50 -	1.1	452' of 1" P.V.C. Vent Pipe
	1.0		Perforated 340'
80 -	60 -	1.2 - ⑦	Water sample would not
	1.2		settle out
90 -	70 -	.8	
	1.1		
200 -	80 -	1.3 - ⑥	12.2 V 15.2 A = 8.2
	1.3		7/14/81
10 -	90 -	1.4 - ⑤	
	1.3		
20 -	400 -	1.3 - ④	
	1.2		
30 -	10 -	1.2 - ③	
	1.3		
40 -	10 -	1.2 - ②	
	1.2		
50 -	30 -	1.4 - ①	
	1.3		
60 -	40 -	1.1	
	1.3		
70 -	50 -	1.3	
	452 T.D.		
80 -	60 -	Drilled	
90 -			
300 -			

- 1-430-2.0-3.2
- 2-420-1.6-2.9
- 3-410-1.5-3.1
- 4-400-1.7-3.4
- 5-390-1.7-3.3
- 6-380-1.7-3.0
- 7-360-1.5-3.3
- 8-345-1.6-2.9
- 9-330-1.6-2.7
- 10-315-2.2-3.3

SJ 28-6[#]27A 28-6[#]84

CPS 1609, W'

DAILY DRILLING REPORT

LEASE

WELL NO.

CONTRACTOR

RIG NO. 2

REPORT NO.

DATE _____

19 8/

MORNING

DAYLIGHT

EVENING

Driller

Total Men In Crew

Driller,

Total Men In Crew

Driller

Total Men In Crew

[illegible]

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____
BIT NO.	NO. DC _____ SIZE _____ LENG. _____	BIT NO.	NO. DC _____ SIZE _____ LENG. _____	BIT NO.	NO. DC _____ SIZE _____ LENG. _____
SERIAL NO.	STANDS	SERIAL NO.	STANDS	SERIAL NO.	STANDS
SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES
TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY
MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH

[illegible]

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	130	Sand	420	460	Sandy Shale			
130	160	Sandy Shale						
160	190	Shale						
190	220	Sand						
220	320	Sand						
320	420	Shale						

REMARKS -

REMARKS -
Water 130 1 gallon Min
300 10 gallon Min

Drilled 460 TD 452

REMARKS -

REMARKS -

SIGNED: Toolpusher

____ Company Supervisor