

73 - 30-039-07788
467 - 30-039-24475

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. 22 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT 73.

SAN JUAN 30-6 UNIT COM #467 cps 280w

Elevation 6635' Completion Date 8/1/80 Total Depth 400' 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. 160'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 3900 lbs.

Depths anodes placed: 350', 340', 330', 320', 310', 300', 290', 245', 235', 220'

Depths vent pipes placed: 390'

Vent pipe perforations: 240'

Remarks: qg #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"X60" DURIRON

Completion Date 8-1-80

Well Name S.J. 30-6 #73		Location SW 22-30-07		CPS No. 280W	
Type & Size Bit Used 6 3/4 Rock				Work Order No. 52490-19	
Anode Hole Depth 400 Log 400	Total Drilling Rig Time	Total Lbs. Coke Used 3900	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 350	# 2 340	# 3 330	# 4 320	# 5 310	# 6 300
# 7 290	# 8 245	# 9 235	# 10 220		
Anode Output (Amps)					
# 1 2.8	# 2 3.3	# 3 2.7	# 4 3.3	# 5 3.7	# 6 3.4
# 7 3.3	# 8 3.2	# 9 3.1	# 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 12.0	Amps 17.4	Ohms .69			

Remarks: UNION GOOD WATER AT 160' DRILLED TO 400' LOGGED 400'-WAITED ON WATER AT 60' NONE AT 140' & 160' GOT WATER TO TOP OF HOLE NOT ENOUGH TO GET GOOD WATER SAMPLE DRILLED 400' WATER AT 135' NEXT A.M. INST 390' OF VENT PIPE WITH 240' PERF SLURRIED 39 SACKS OF COKE.

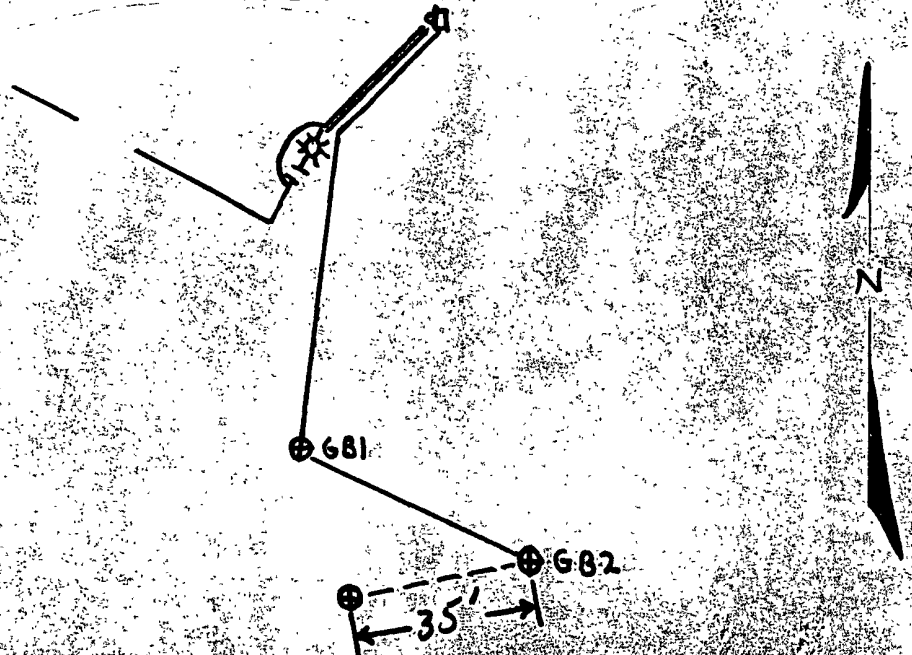
JET BOX
DITCH & CABLE = 35
EXTRA CABLE = 5
HOLE DEPTH = -100

All Construction Completed

Robert J. Behrke
(Signature)

Time	Reg	O.T.
7-31-80	8	
8-1-80	8	2

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 7-31-80
By: RLB
File: 280WS.J. 30-6 #73 SW-22-30-6 280W
W^o 52490.19time 7-31-80 = 8 RLB
8-1-80 = 10

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 17.2
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

				WATER AT 160' DRILLED TO 400' Logged to 400'			
				WAITED ON WATER AT 60' NONE AT 140'			
				160' GOT WATER TO TOP OF HOLE NOT ENOUGH TO GET GOOD WATER SAMPLE.			
160	5	6	360	1.2	1.2		
	1.0	1.1		1.4	1.3		
70	1.2	1.5	70	1.4	1.5		
	1.1	1.4		1.7	-		
80	1.2	1.3	80	1.5	-		
	1.2	1.2		1.4			
90	1.1	1.1	90	-	390 BOT OF ANODE		
	1.1	1.2					
200	1.0	1.1	400	-	Log 400		
	1.3	1.1					
10	1.3	1.5					
	1.2	1.3					
20	1.2	1.4	-10				
	1.1	1.1					
30	1.2	1.2					
	1.1	1.3	-9				
40	1.1	1.1					
	1.1	1.2	-8				
50	1.0	1.1					
	1.0	1.0					
60	1.0	1.0					
	.9	.9					
70	.9	.9					
	.9	.9					
80	1.2	.9					
	1.2	1.3					
90	1.2	1.2	-7				
	1.2	1.4					
300	1.3	1.3	-6				
	1.3	1.5					
10	1.4	1.4	-5				
	1.2	1.3					
20	1.2	1.3	-4				
	1.0	1.3					
30	1.2	1.2	-3				
	1.3	1.3					
40	1.2	1.5	-2				
	1.1	1.4					
50	1.0	1.2	-1				
	1.1	1.1					
				12.0 V 17.4 A = .69 ohms			

- ① 350 - 1.3 - 2.8
- ② 340 - 1.5 - 3.3
- ③ 330 - 1.2 - 2.7
- ④ 320 - 1.4 - 3.3
- ⑤ 310 - 1.3 - 3.7
- ⑥ 300 - 1.4 - 3.4
- ⑦ 290 - 1.3 - 3.3
- ⑧ 245 - 1.2 - 3.2
- ⑨ 235 - 1.3 - 3.1
- ⑩ 220 - 1.3 - 3.7