

101-30-039-07731

4358

427-30-039-24262

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 35 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #101, #427

cps 140w

Elevation 6850' Completion Date 10/5/78 Total Depth 640' 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. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DISL 3

Type & amount of coke breeze used: 55 SACKS

Depths anodes placed: 580', 570', 560', 550', 540', 430', 420', 410', 400'

Depths vent pipes placed: 600' OF 1" PVC VENT PIPE

Vent pipe perforations: 210'

Remarks: gb #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 10-5-78

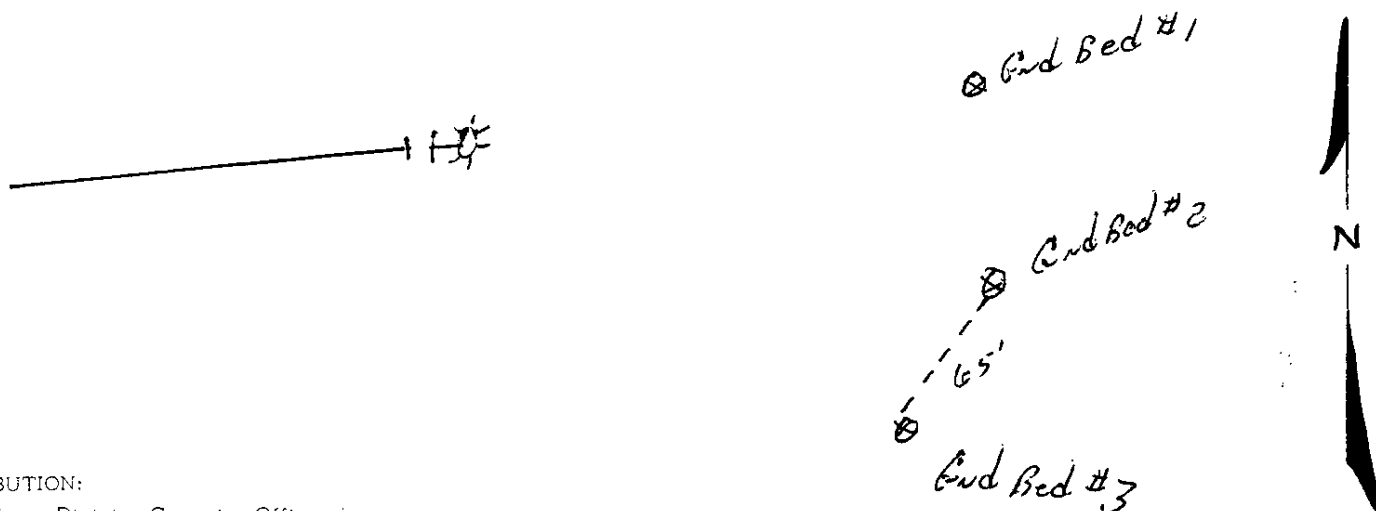
Well Name <u>S. J. 30-6 #101</u>		Location <u>NE 35-30-7</u>		CPS No. <u>140W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Contract # <u>CONTRACT #2</u>		Work Order No. <u>52798-19</u>	
Anode Hole Depth <u>640 - 616</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>580</u>	<u>570</u>	<u>560</u>	<u>550</u>	<u>540</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	<u>3.4</u>	<u>3.7</u>	<u>2.9</u>	<u>2.5</u>	<u>2.3</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.9</u>		Amps <u>12.4</u>		Ohms <u>0.96</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: DRILLED TO 240' DAMP, WAITED 20', NO WATER, DRILLED TO 500'
NEXT A.M. CUTTINGS BLEW DAMP, DID NOT BLOW WATER, DRILLED 640' BIT
LOCKED UP, CAME OUT OF HOLE & LOGGED, INSTALLED 6 ANODES, HOLE BRIDGED
OFF, ~~WATER~~ BLEW BRIDGE OUT OF HOLE @ 324', LOADED HOLE, PERFORATED OPPOSITE
DAMP ZONE @ 180' MERE, INSTALLED 600' OF 1" PVC VENT PIPE, SLURRIED
HOLE DEPTH = +110
DITCH & 1 CABLE = 65'
55 SACKS OF COKE
10-2" X 2" X 48" GRAPHITE ANODES

All Construction Completed

W. J. Loretto
(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: 31

Date:

By:

File:

S.J. 30-6 #101

140W

NE 35-30-7
CONTRACT # 2

52798-19

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

SW 24-27-6

300	10	1.2 (8)	DRILLED TO 240'. DAMP. WAITED 20' MIN
		1.2	NO WATER. DRILLED TO 500' NEXT A.M.
10	20	1.1 (9)	CUTTINGS CAME OUT DAMP. DID NOT BLOW WATER.
		1.2	DRILLED TO 640' BIT LOST UP. CAME OUT
20	30	1.1 (6)	EST. TO BE 1.25 SACKS
		1.0	PERFORATED 210' OF 1" PVC VENT PIPE
30	40	1.2 (5)	INSTALLED 600' OF 1" PVC VENT PIPE
		1.3	SUPPLIED 55 SACKS OF CORE
40	50	1.3 (4)	
		1.4	10-2 1/2" X 1/2" GRAPHITE ANODES
50	60	1.2 (3)	PERFORATED VENT PIPE BY DAMP ZONES
		1.2	
60	70	1.4 (2)	
		1.5	
70	80	1.5 (1)	
		0.6	
80	90	0.6	
		0.5	
90	100	0.7	
		0.5	
400	10	0.5 + (1)	Hole Depth = 110'
			Ditch #1 Cable = 65'
10	20		
20	30		
30	40		
40	50		
50	60		
60	70		
70	80		
80	90		
90	100		
100	110		
110	120		
120	130		
130	140		
140	150		
150	160		
160	170		
170	180		
180	190		
190	200		
200	210		
210	220		
220	230		
230	240		
240	250		
250	260		
260	270		
270	280		
280	290		
290	300		
300	310		
310	320		
320	330		
330	340		
340	350		
350	360		
360	370		
370	380		
380	390		
390	400		
400	410		
410	420		
420	430		
430	440		
440	450		
450	460		
460	470		
470	480		
480	490		
490	500		
500	510		
510	520		
520	530		
530	540		
540	550		
550	560		
560	570		
570	580		
580	590		
590	600		
600	610		
610	620		
620	630		
630	640		
640	650		
650	660		
660	670		
670	680		
680	690		
690	700		
700	710		
710	720		
720	730		
730	740		
740	750		
750	760		
760	770		
770	780		
780	790		
790	800		
800	810		
810	820		
820	830		
830	840		
840	850		
850	860		
860	870		
870	880		
880	890		
890	900		
900	910		
910	920		
920	930		
930	940		
940	950		
950	960		
960	970		
970	980		
980	990		
990	1000		

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

Volts = 11.9
Amps = 12.4
Ohms = .96