86 - 30-039-07732 4364

485 - 30-039-24814

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

Operator MERIDIAN OIL Location: Unit A Sec. 36 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #86. #485 cps 142w

Elevation 6826' Completion Date 6/4/87 Total Depth 520' 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. 90', 115', 280', 440' NOT ENOUGH FOR A WATER SAMPLE.

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 485', 475', 465', 455', 445', 410', 400', 390', 375',355'

Depths vent pipes placed: 511' OF 1" VENT PIPE

Vent pipe perforations: 511'

Remarks: gb #3

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.

FM-07-0238 (Rev. 10-82)

8607465

on computer

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

already in computer

Drilling Log (Attach Hereto) ☐

Completion Date 6-4-87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
142-W	SJ 30-6 #86 (circled: Rethreit)			☑ Good ☐ B

Location:	Anode Size:	Anode Type:	Size Bit:
A-36-30-7	2" x 60"	Durion	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
520'	511'				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	485	475	465	455	445	410	400	390	375	355
Anode Output (Amps)	3.8	3.3	4.0	4.4	3.7	3.4	3.8	3.6	4.0	4.0

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

Total Circuit Resistance Volts	Amps	Ohms	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
11.86	14.7	.80		

Remarks: Hit moisture at 90', 115', 280' and 440', not enough for a water sample. Drilled to 520', logged 511'. Ran 511' of 1" perforated PVC vent pipe.

4300.00

Rectifier Size: ______ V ______ A

Addn'l Depth 11' + 77.00 4377.00

Depth Credit: ______

Extra Cable: 10' 2.50

Ditch & 1 Cable: 67' 26.13

25' Meter Pole:

20' Meter Pole:

10' Stub Pole:

Junction Bx + Ax 40.00

4445.63

222.28

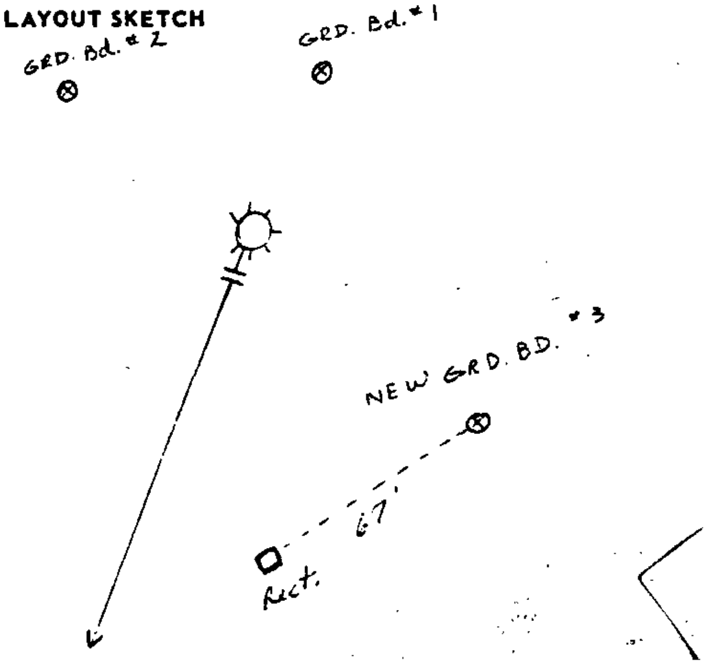
All Construction Completed

Lyle d. Ehrlich
(Signature)

TOTAL cost 4667.91

cost ~~4405.63~~ ~~4372.63~~ ~~4500.21~~

GROUND BED LAYOUT SKETCH



BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

COMPANY: Meridian — DAILY DRILLING REPORT: June 4, 19 87

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
S.J. 30-6 #86	CPS# 142 W			

WATER AT: FEET: HOLE MADE:

DESCRIPTION OF FORMATION

FROM	TO	FORMATION IS	COLOR
0	50	sandstone	yellow
50	100	sandstone	white/blue green
100	115	sand moisture	
115	160	shale	
160	230	sandstone	
230	250	shale	
250	290	sand/bentonite/moisture	
290	300	shale - blue	
300	320	shale - red	
320	350	bentonite/shale	
350	365	shale - red	
365	370	sandstone	
370	400	shale	
400	440	sand/bentonite/moisture	
440	520	shale - red	

REMARKS:

Brian E. Burga — Driller — Tool Dresser

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

DEEP WELL GROUNDBED LOG

Date 6-4-87

Company Meridian

Well No. 1930-6 #86 Location A-36-30-7 Volts Applied ____ Amperes ____

Depth		Depth		Depth		Depth	
0							
5		230	.6	455	1.1 (4)	680	At Water: 90-115
10		235	.7	460	1.2	685	280, 44C
15		240	.6	465	1.2 (3)	690	Not enough to
20		245	.3	470	1.2	695	catch sample.
25		250	.2	475	1.1 (2)	700	
30		255	.2	480	1.0	705	
35		260	.6	485	1.1 ← (1)	710	
40		265	.8	490	1.1 ←	715	
45		270	.4	495	1.1	720	
50		275	.5	500	1.1	725	
55		280	.5	505	1.2	730	
60		285	.9	510	511 TD	735	
65		290	.9	515		740	
70		295	.9	520		745	
75		300	.9	525		750	
80		305	.9	530		755	
85		310	.9	535		760	
90		315	.7	540		765	
95		320	.7	545		770	
100		325	.5	550		775	
105		330	.4	555		780	
110		335	.1	560		785	
115		340	.5	565		790	
120		345	.9	570		795	
125		350	1.1	575		800	
130		355	1.1 (10)	580		805	
135		360	.8	585		810	
140		365	1.0	590		815	
145		370	1.1	595		820	
150	1.0	375	1.0 (9)	600		825	
155	.5	380	1.1	605		830	
160	.2	385	1.2	610		835	
165	.1	390	1.1 (8)	615		840	1. 485 - 1.7 → 3.8
170	.2	395	1.1	620		845	2. 475 - 1.4 → 3.[illegible]
175	.2	400	1.0 (7)	625		850	3. 465 - 1.9 → 4.[illegible]
180	.5	405	1.1	630		855	4. 455 - 1.6 → 4.4
185	.2	410	1.0 (6)	635		860	5. 445 - 1.6 → 3.[illegible]
190	.1	415	.9	640		865	6. 440 - 1.4 → 3.[illegible]
195	.1	420	.6	645		870	7. 460 - 1.5 → 3.[illegible]
200	.1	425	.5	650		875	8. 390 - 1.5 → 3.[illegible]
205	.2	430	.5	655		880	9. 375 - 1.6 → 4.[illegible]
210	.1	435	.6	660		885	10. 355 - 1.5 → 4.[illegible]
215	.2	440	1.3	665		890	
220	.4	445	1.2 (5)	670		895	
225	.5	450	1.0	675		900	