

1354

30-045-24847

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 NE Sec. 36 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #213E

cps 1676w

Elevation 6446 Completion Date 8/16/83 Total Depth 460' Land Type* N/A

Casing, Sizes, Types & Depths 75' OF 8" PVC CASING

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. 100' & 230'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4400 lbs.

Depths anodes placed: 415', 405', 395', 385', 375', 365', 355', 345', 335', 325'

Depths vent pipes placed: 440'

Vent pipe perforations: 360'

Remarks: gb #1

RECEIVED
MAY 31 1984
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) ☐Completion Date 8-16-83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1676-w	HURFAND # 213 E	184-59139-21	.79	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
NE 36-27-10	2"	DURIRON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
460'	440'		4400	
Anode Depth				
# 1 415	# 2 405	# 3 395	# 4 385	# 5 375
# 6 365	# 7 355	# 8 345	# 9 335	# 10 325
Anode Output (Amps)				
# 1 5.0	# 2 4.9	# 3 4.3	# 4 5.0	# 5 4.8
# 6 5.2	# 7 5.2	# 8 6.5	# 9 5.1	# 10 4.9
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 12.1	Amps 21.0	Ohms .57		

Remarks: DRILLER said hole caved in at 50'. Set 75' of 8" PVC casing. Said hit water at 100' + 230' making water. Did NOT get water sample due to INJECTING water where hole caved. Installed 440' of 1" VENT P. Perforated 360' of VENT P. P. R. Slurried 4400 lbs of COKE Breeze (2 hrs TO SET casing)

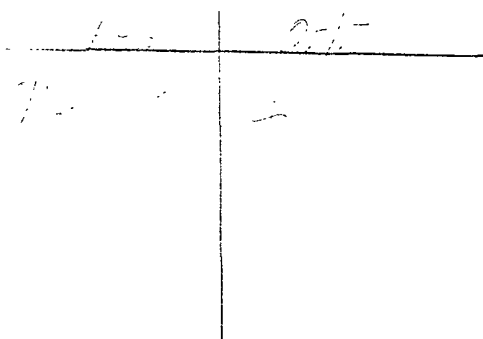
Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: 60' ✓
 Extra Cable: 210' ✓
 Ditch & 1 Cable: 228' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: -
 10' Stub Pole: 1 ✓

All Construction Completed

William Wright Jr
 (Signature)

GROUND BED LAYOUT SKETCH

3 Hrs Set Casing



4446



ENGINEERING CALCULATION SHEET

Form 7-371 (11-77)

CPS 1676-W

Huerfano # 213 E

NE 36-27-10

W/O

184-59/39-21-50-20-63

STATIC .79 600' N

Page

Date

By

8-16-83

WK

UNION good

Driller Said hole caved in at 50' Set 75'
of 8" PVC casing. Said hit water at 100' + 230'
making water. Did NOT get water sample due to intersecting
water where hole caved. Installed 440' of 1" Vent
Pipe Perforated 360' of Vent Pipe. Shipped 4 400' lbs.
of coke Br-02 (2 hrs to set casing)

① 415 1.7 5.0
② 405 1.5 4.9
③ 395 1.6 4.3
④ 385 1.7 5.0
⑤ 375 1.8 4.8
⑥ 365 1.7 5.7
⑦ 355 1.7 5.2
⑧ 345 1.8 6.5
⑨ 335 1.5 5.1
⑩ 325 2.0 4.9

121 V 210 A .57 n

100	1.1	85	1.3
95	.9	90	1.3
90	.8	95	1.3
85	1.0	300	1.3
80	1.2	05	1.3
75	1.2	10	1.3
70	1.1	15	1.3
65	1.2	20	1.3
60	1.2	25	1.3 ⑩
55	1.2	30	1.3
50	1.2	35	1.3 ⑨
45	1.2	40	1.3
40	1.2	45	1.3 ⑧
35	1.2	50	1.3
30	1.2	55	1.3 ⑦
25	1.2	60	1.4
20	1.2	65	1.3 ⑥
15	1.4	70	1.3
10	1.4	75	1.3 ⑤
5	1.2	80	1.3
0	1.1	85	1.3 ④
05	1.2	90	1.3
10	1.4	95	1.3 ③
15	1.4	400	1.3
20	1.2	05	1.4 ②
25	1.3	10	1.4
30	1.2	15	1.4 ①
35	1.80	20	1.5
40	1.80	25	1.4
45	.7	30	1.4
50	.7	35	1.4
55	.7	40	1.4
60	.8	45	1.4
65	.8	50	1.4
70	.8	55	1.4
75	1.1	60	1.4
80	1.3	65	1.4
85	1.3	70	1.4
90	1.3	75	1.4
95	1.3	80	1.4
100	1.3	85	1.4
105	1.3	90	1.4
110	1.3	95	1.4
115	1.3	100	1.4
120	1.3	105	1.4
125	1.3	110	1.4
130	1.3	115	1.4
135	1.3	120	1.4
140	1.3	125	1.4
145	1.3	130	1.4
150	1.3	135	1.4
155	1.3	140	1.4
160	1.3	145	1.4
165	1.3	150	1.4
170	1.3	155	1.4
175	1.3	160	1.4
180	1.3	165	1.4
185	1.3	170	1.4
190	1.3	175	1.4
195	1.3	180	1.4
200	1.3	185	1.4
205	1.3	190	1.4
210	1.3	195	1.4
215	1.3	200	1.4
220	1.3	205	1.4
225	1.3	210	1.4
230	1.3	215	1.4
235	1.3	220	1.4
240	1.3	225	1.4
245	1.3	230	1.4
250	1.3	235	1.4
255	1.3	240	1.4
260	1.3	245	1.4
265	1.3	250	1.4
270	1.3	255	1.4
275	1.3	260	1.4
280	1.3	265	1.4
285	1.3	270	1.4
290	1.3	275	1.4
295	1.3	280	1.4
300	1.3	285	1.4
305	1.3	290	1.4
310	1.3	295	1.4
315	1.3	300	1.4
320	1.3	305	1.4
325	1.3	310	1.4
330	1.3	315	1.4
335	1.3	320	1.4
340	1.3	325	1.4
345	1.3	330	1.4
350	1.3	335	1.4
355	1.3	340	1.4
360	1.3	345	1.4
365	1.3	350	1.4
370	1.3	355	1.4
375	1.3	360	1.4
380	1.3	365	1.4
385	1.3	370	1.4
390	1.3	375	1.4
395	1.3	380	1.4
400	1.3	385	1.4
405	1.3	390	1.4
410	1.3	395	1.4
415	1.3	400	1.4
420	1.3	405	1.4
425	1.3	410	1.4
430	1.3	415	1.4
435	1.3	420	1.4
440	1.3	425	1.4
445	1.3	430	1.4
450	1.3	435	1.4
455	1.3	440	1.4
460	1.3	445	1.4
465	1.3	450	1.4
470	1.3	455	1.4
475	1.3	460	1.4
480	1.3	465	1.4
485	1.3	470	1.4
490	1.3	475	1.4
495	1.3	480	1.4
500	1.3	485	1.4
505	1.3	490	1.4
510	1.3	495	1.4
515	1.3	500	1.4
520	1.3	505	1.4
525	1.3	510	1.4
530	1.3	515	1.4
535	1.3	520	1.4
540	1.3	525	1.4
545	1.3	530	1.4
550	1.3	535	1.4
555	1.3	540	1.4
560	1.3	545	1.4
565	1.3	550	1.4
570	1.3	555	1.4
575	1.3	560	1.4
580	1.3	565	1.4
585	1.3	570	1.4
590	1.3	575	1.4
595	1.3	580	1.4
600	1.3	585	1.4
605	1.3	590	1.4
610	1.3	595	1.4
615	1.3	600	1.4
620	1.3	605	1.4
625	1.3	610	1.4
630	1.3	615	1.4
635	1.3	620	1.4
640	1.3	625	1.4
645	1.3	630	1.4
650	1.3	635	1.4
655	1.3	640	1.4
660	1.3	645	1.4
665	1.3	650	1.4
670	1.3	655	1.4
675	1.3	660	1.4
680	1.3	665	1.4
685	1.3	670	1.4
690	1.3	675	1.4
695	1.3	680	1.4
700	1.3	685	1.4
705	1.3	690	1.4
710	1.3	695	1.4
715	1.3	700	1.4
720	1.3	705	1.4
725	1.3	710	1.4
730	1.3	715	1.4
735	1.3	720	1.4
740	1.3	725	1.4
745	1.3	730	1.4
750	1.3	735	1.4
755	1.3	740	1.4
760	1.3	745	1.4
765	1.3	750	1.4
770	1.3	755	1.4
775	1.3	760	1.4
780	1.3	765	1.4
785	1.3	770	1.4
790	1.3	775	1.4
795	1.3	780	1.4
800	1.3	785	1.4
805	1.3	790	1.4
810	1.3	795	1.4
815	1.3	800	1.4
820	1.3	805	1.4
825	1.3	810	1.4
830	1.3	815	1.4
835	1.3	820	1.4
840	1.3	825	1.4
845	1.3	830	1.4
850	1.3	835	1.4
855	1.3	840	1.4
860	1.3	845	1.4
865	1.3	850	1.4
870	1.3	855	1.4
875	1.3	860	1.4
880	1.3	865	1.4
885	1.3	870	1.4
890	1.3	875	1.4
895	1.3	880	1.4
900	1.3	885	1.4
905	1.3	890	1.4
910	1.3	895	1.4
915	1.3	900	1.4
920	1.3	905	1.4
925	1.3	910	1.4
930	1.3	915	1.4
935	1.3	920	1.4
940	1.3	925	1.4
945	1.3	930	1.4
950	1.3	935	1.4
955	1.3	940	1.4
960	1.3	945	1.4
965	1.3	950	1.4
970	1.3	955	1.4
975	1.3	960	1.4
980	1.3	965	1.4
985	1.3	970	1.4
990	1.3	975	1.4
995	1.3	980	1.4
1000	1.3	985	1.4

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COMPANY SUPERVISOR Roger Smith