

30-045-20599

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. 20 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #207

cps 977w

Elevation 6516' Completion Date 10/31/78 Total Depth 320' 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'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 290', 255', 245', 235', 225', 215', 205', 195', 185' 17'

Depths vent pipes placed: 300'

Vent pipe perforations: 200'

Remarks: gb #2

RECEIVED
MAY 31 1991
OIL CON. DIST.

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 10-31-78

Well Name Huerfano U. #207		Location SE 20-26-10		CPS No. 977 W	
Type & Size Bit Used 6 3/4		Contract # CONTRACT #2		Work Order No. 54746.19	
Anode Hole Depth 320-320rd	Total Drilling Rig Time	Total Lbs. Coke Used 40 Sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	290	255	245	235	225
Anode Depth	# 6	# 7	# 8	# 9	# 10
	215	205	195	185	175
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	4.1	4.3	4.7	4.6	5.5
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	4.7	5.5	5.3	4.0	4.0
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.4		Amps 19.1		Ohms .6
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: Redrill WATER AT 130' APPROX 16PM INSTALLED
300' OF VENT PIPE 200' PERFORATED. SLURRIED
40 SACKS OF COKE

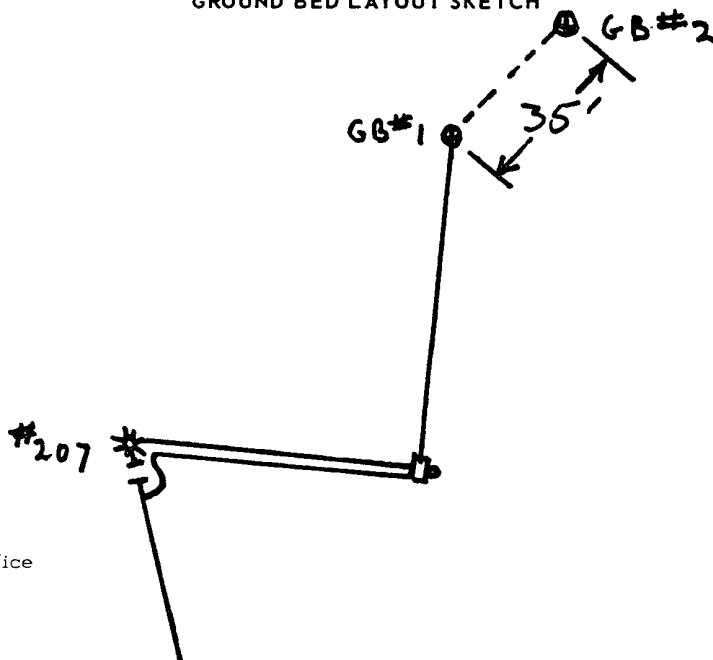
Hole depth = -180
Ditch + cable = 35

2x2x48" GRAPHITE

All Construction Completed

Robert J. Bahr
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DAILY DRILLING REPORT

977 w

LEASE

WELL NO.

927w

CONTRACTOR

O'Brien

RIG NO.

REPORT NO.

DATE _____

Oct 31

19 78

MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			Driller		Total Men In Crew			Driller		Total Men In Crew		
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
BIT		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		
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED	
Time	Wt.	Vis.			Time	Wt.	Vis.			Time	Wt.	Vis.		
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN		
0	47	Sand - Soft			245	273	Sandstone w/ Bentonite							
47	105	Shale			273	320	Shale							
105	122	Sandstone damp												
122	128	Shale												
128	134	Sandstone water												
134	245	Shale												
REMARKS -					REMARKS -					REMARKS -				
										Drilled To 320 w/ 6 3/4				
										Logged To 320				
										Estimate Water @ 19pm @ 130				

SIGNED: Toolpusher

Lon O'Brien

____ Company Supervisor

977W SE 20-26-10

Huerfano UNIT # 207

54746.19

2x2x48 Graphite
Redrill

MW		gals/mol
18.04	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	9.84
42.08	C3	9.87

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

110						Drilled 320' with AIR WATER injection LAST 80' Blew water out of hole AT 134'
120						40 SACKS OF COKE
130	1.2					
	1.4					INSTALLED 300' VENT PIPE 200' PERFORATED
140	2.6					
	2.6					
150	2.9					
	3.1					
160	2.8					
	2.8					
170	2.5					
	2.6-10					
180	2.6					Hole depth = -180' Cable ditch = 35'
	2.7-9					
190	2.8					
	2.8-8					
200	2.8					
	2.8-7					
210	2.8					
	3.1-6					
220	3.0					
	3.1-5					
230	2.8					① 290 - 2.3 - 4.1
	3.0-4					② 255 - 2.4 - 4.3
240	3.0					③ 245 - 2.8 - 4.7
	2.7-3					④ 235 - 3.0 - 4.6
250	2.8					⑤ 225 - 3.3 - 5.5
	2.8-2					⑥ 215 - 2.8 - 4.7
260	1.2					⑦ 205 - 3.0 - 5.5
	1.3					⑧ 195 - 2.8 - 5.3
270	1.3					⑨ 185 - 2.4 - 4.0
	1.6					⑩ 175 - 2.6 - 4.0
280	1.4					
	1.8					11.4 v 19.1 A = .6 ohms
290	2.6-1					
	2.6					
300	2.5					
	2.2					
310	2.0					
	2.0					
320	2.0	TD				