

1122

30-045-06182

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 NW Sec. 33 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #113

cps 1738w

Elevation 6107' Completion Date 11/15/84 Total Depth 300' 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. 100' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 2950 lbs.

Depths anodes placed: 285', 265', 250', 235', 220', 210', 195', 155', 140', 120'

Depths vent pipes placed: 300'

Vent pipe perforations: 220'

Remarks: gb. #1

RECEIVED

MAY 31 1991

OIL CON. D

DIST. 5

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Hereto) ☒Completion Date 11-15-84

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1738-W	Huerfano # 113	53945-19-50-20	R/C = 78 600 SE	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
NW 33-27-10	2" X 60"	American	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300	295		2,950	
Anode Depth				
# 1 285	# 2 265	# 3 250	# 4 235	# 5 220
# 6 210	# 7 195	# 8 155	# 9 140	# 10 120
Anode Output (Amps)				
# 1 4.20	# 2 4.28	# 3 4.10	# 4 4.30	# 5 4.46
# 6 4.40	# 7 4.28	# 8 3.95	# 9 4.36	# 10 3.97
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 19.2	Ohms .63		

Remarks: Drilled 100' found water. Blew water from hole next morning. Found shale, sandy shale to bottom of hole. Installed 300' of 1" P.V.C. vent pipe, 220 with perforations. Slurried approx. 2,950 lbs. Coke down hole. Caught water sample.

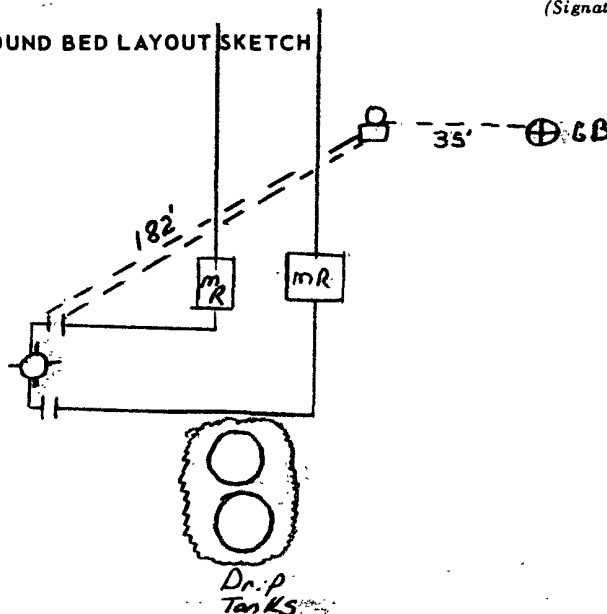
Rectifier Size: 40 V 16 A ✓
 Addn'l Depth _____
 Depth Credit: 205' ✓
 Extra Cable: 202' ✓
 Ditch & 1 Cable: 217 ✓
 25' Meter Pole: _____
 20' Meter Pole: 1 ✓
 10' Stub Pole: 1 ✓

8 Hrs Reg
1 Hr O.T.

All Construction Completed

C.W. Donohue
(Signature)

GROUND BED LAYOUT SKETCH



6607

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSES

ANALYSIS NO.: 1-11005
OPERATOR: EL PASO NATURAL GAS
LOCATION: 33-27-10
FIELD: ANGEL PEAK
SAMPLE FROM: 1-2 FEET
DATE SAMPLED: NOVEMBER 13, 1954
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: DECEMBER 3, 1954
WELL NAME: HUERFANO #113 CPS
COUNTY SAN JUAN STATE: NEW MEXICO
FORMATION:

SECURED BY: BILL DONOHUE
CASING PRESSURE:

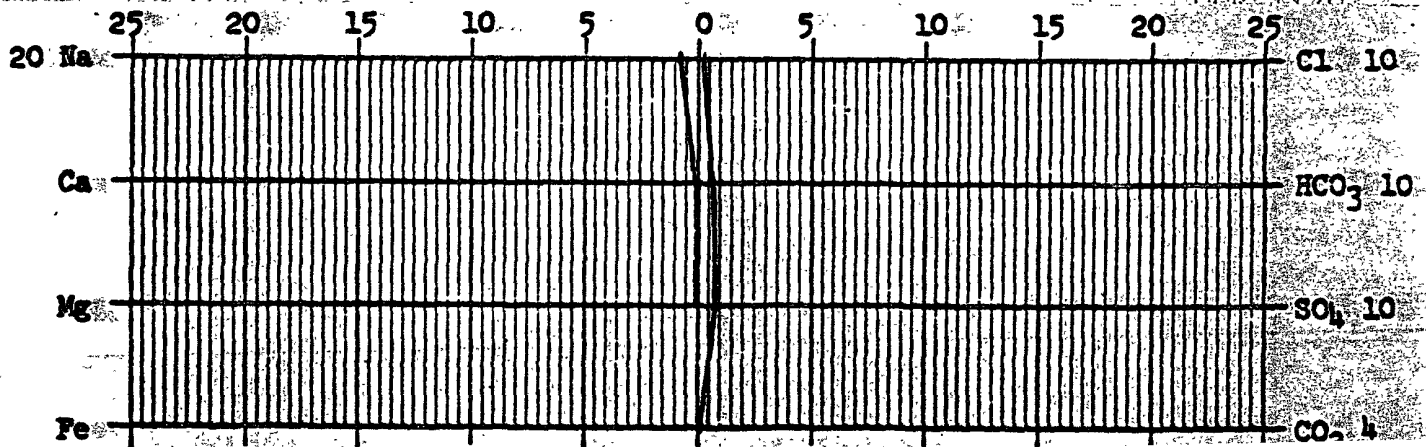
	CAPPLE SIZE	ML. 117	AS CaCO3	AS-ION	ep
TOTAL ALKALINITY	20	7.9	395		
PH ALKALINITY	20	7.7	35		
BICARBONATE	20	6.5	325	397	6
CARBONATE	20	1.4	70	42	1
CHLORIDE	20	1.25		38	1
SULFATE				376	7
TOTAL HARDNESS	20	9	0		
CHLORIDE	20	0	0	40	0
SULFATE	20	0	0	40	0
IRON					
SODIUM CALCULATED:				387	16
IDE					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				1255	
PH					
SPECIFIC GRAVITY					
RESISTIVITY					
CONDUC TIVITY					

AT 20°F
GMM-CCM
HCF MHOS @ 20°C

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 PP

W. A. JELSON
D. D. EMMIS
J. L. ALMS
H. P. PAULI
H. B. SHOPSHERE
FILE

Lennie Bird
CHEMIST
GCK



CONSTRUCTION LOGGING READINGS

CPS #: 1738-W WELL NAME: Huertano #113

LOCATION: NW 33-27-0 DATE: 11-15-84

TOTAL VOLTS: 12.1

TOTAL AMPS: 19.2

OHMS RESISTANCE: .63

Readings logged thru 1500's pool

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.29		365			545			1	285	2.52	4.20
10			190	1.88		370			550			2	265	2.53	4.28
15			195	2.06	7	375			555			3	250	2.51	4.10
20			200	2.24		380			560			4	235	2.54	4.30
25			205	2.27		385			565			5	220	2.59	4.46
30			210	2.03	6	390			570			6	210	2.53	4.40
35			215	2.25		395			575			7	195	2.56	4.28
40			220	2.11	5	400			580			8	155	2.54	3.95
45			225	2.43		405			585			9	140	2.57	4.36
50			230	2.21		410			590			10	120	2.56	3.97
55			235	2.15	4	415			595						
60			240	2.04		420			600						
65			245	2.17		425			605						
70			250	2.14	3	430			610						
75			255	2.10		435			615						
80			260	2.10		440			620						
85			265	2.17	2	445			625						
90			270	2.33		450			630						
95			275	2.06		455			635						
water 100	2.15		280	2.16		460			640						
105	1.99		285	2.18	1	465			645						
110	2.52		290	2.24		470			650						
115	2.26		295	2.25		475			655						
120	2.05	10	300			480			660						
125	1.49		305			485			665						
130	1.56		310			490			670						
135	1.91		315			495			675						
140	2.13	9	320			500			680						
145	2.35		325			505			685						
150	2.30		330			510			690						
155	2.05	8	335			515			695						
160	1.88		340			520			700						
165	1.36		345			525			705						
170	1.15		350			530			710						
175	.94		355			535			715						
180	.85		360			540			720						

REMARKS: Drilled 100' found water. Blew water from hole not measuring. Found shale, sandy shale to bottom of hole. Installed 300' of 1" P.V.C. vent pipe 220 with perforations. Slurried approx. 2,950 lbs coke down hole. Caught water sample.

CP 1738

Hudson #113

LEASE

WELL NO.

CONTRACTOR Convers 1571 RIG NO. # 1

REPORT NO.

DATE 11-15

1903

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Dean & Sons

Company Supervisor

W. Donahue