

E

1117

30-045-20818

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. 29 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #217

cps 1743w

Elevation 6014' Completion Date 11/16/84 Total Depth 240' 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. 45'

Depths gas encountered: N/A

Type & amount of coke breeze used: 2380 lbs.

Depths anodes placed: 215', 205', 190', 180', 150', 125', 115', 105', 95', 80'

Depths vent pipes placed: 240'

Vent pipe perforations: 200'

Remarks: gb #1

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☒

Completion Date 1-1-16-84

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1743-W	Huerfano 217	54860-19-50-20	R/C 94 600' N	☒ Good ☐ Bad 1.67amps+
Location	Anode Size:	Anode Type:	Size Bit:	
NE 29-27-10	2" X 60"	Quicron	63/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
240	238		2,380 lbs	
Anode Depth				
# 1 215	# 2 205	# 3 190	# 4 180	# 5 150
# 6 125	# 7 115	# 8 105	# 9 95	# 10 80
Anode Output (Amps)				
# 1 4.40	# 2 4.65	# 3 4.50	# 4 4.62	# 5 4.40
# 6 4.56	# 7 4.67	# 8 4.60	# 9 4.72	# 10 4.66
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 12.0	Amps 18.3	Ohms .65		

Remarks: Drilled to 45' found water, Continued drilling finding shale & sandy shale to bottom of Hole. Installed 240' of 1" P.V.C vent pipe. 40' solid, 200' w. th perforations. Slurried approx 2,380 lbs Coke Down hole.

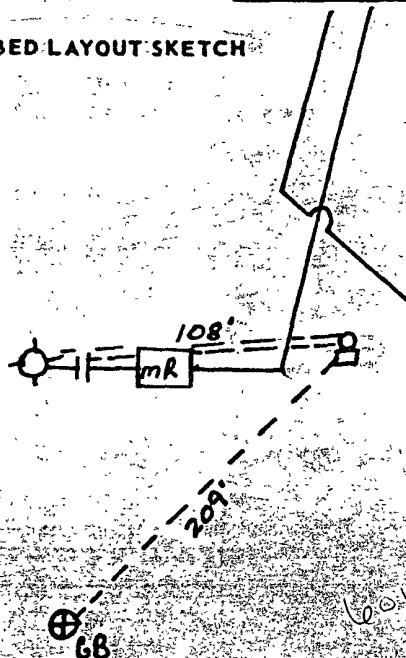
Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: 262' ✓
 Extra Cable: 128' ✓
 Ditch & 1 Cable: 317' ✓
 25' Meter Pole: _____
 20' Meter Pole: 1 ✓
 10' Stub Pole: _____

Req. Time = 8 hrs
 O.T. = 0 hrs

All Construction Completed

C. W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH



CPS #: 1743-W WELL NAME: Huerfano #217

LOCATION: NE 29-2710 DATE: 11-16-84

TOTAL VOLTS: 12.0

TOTAL AMPS: 18.3

OHMS RESISTANCE: .65

Readings 1099rd thru 2.300's pool

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.			COKE	COKE
5			185	2.01		365			545			1	215	2.70	4.40
10			190	1.81	✓ 3	370			550			2	205	2.71	4.65
15			195	1.77		375			555			3	190	2.71	4.50
20			200	1.84		380			560			4	180	2.72	4.62
25			205	1.84	✓ 2	385			565			5	150	2.69	4.40
30			210	2.07		390			570			6	125	2.76	4.56
35			215	1.90	✓ 1	395			575			7	115	2.77	4.67
40			220	1.66		400			580			8	105	2.77	4.60
45	.79		225	1.44		405			585			9	95	2.77	4.72
water 50	1.06		230	1.00		410			590			10	80	2.80	4.66
55	1.49		235			415			595						
60	1.96		Drilled 240	2.38		420			600						
65	1.87		245			425			605						
70	1.91		250			430			610						
75	1.93		255			435			615						
80	1.99	✓ 10	260			440			620						
85	1.97		265			445			625						
90	1.88		270			450			630						
95	1.93	✓ 9	275			455			635						
100	1.96		280			460			640						
105	1.92	✓ 8	285			465			645						
110	2.00		290			470			650						
115	1.92	✓ 7	295			475			655						
120	2.05		300			480			660						
125	1.81	✓ 6	305			485			665						
130	1.56		310			490			670						
135	1.30		315			495			675						
140	1.13		320			500			680						
145	1.72		325			505			685						
150	1.86	✓ 5	330			510			690						
155	1.84		335			515			695						
160	1.67		340			520			700						
165	1.34		345			525			705						
170	1.14		350			530			710						
175	1.69		355			535			715						
180	1.87	✓ 4	360			540			720						

REMARKS: Drilled to 45' found water, began Injection + Continued drilling finding shale + sandy shale to bottom of hole. Installed 240' of 1" PVC vent pipe with 200' perforated. Slurried approx 2,300 lbs coke down hole.

DAILY DRILLING REPORT

CPS. 1743

Huerfano 217

LEASE

WELL NO

CONTRACTOR

3C - Corrosion Control

RIGNO

REPORT NO

DATE _____

11-15

1984

MORNING

DAYLIGHT

EVENING

[illegible]

	NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.
BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.
SE 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	240'		MAKE	TOTAL DEPTH			MAKE	TOTAL DEPTH		

[illegible][illegible]

REMARKS -

REMARKS -

REMARKS - Hot water at 50'-60'
drilled to 240'

REMARKS -

SIGNED: Toolpusher

Brian E. Bunge

____ Company Supervisor

C. W. Donohue