

112#118 30-045-21322

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 SE Sec. 30 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #118

cps 1739w

Elevation 5981' Completion Date 11/13/84 Total Depth 260' 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. 40'

Depths gas encountered: N/A

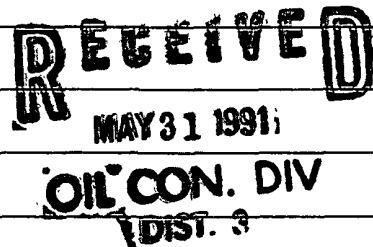
Type & amount of coke breeze used: 2600 lbs.

Depths anodes placed: 245', 235', 225', 215', 205', 120', 110', 100', 90', 55'

Depths vent pipes placed: 260'

Vent pipe perforations: 240'

Remarks: (gb #1)



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 11-13-84

CPS #	Well Name: Line or Plant:	Work Order #	Static:	Ins. Union Check
1739-W	Huertano U. # 118	55460-21-50-20	RR = 22,600 E	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Br:	
SE 30-27-10	2" X 60"	Derion	634	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
260	257		2,600 lbs	
Anode Depth				
# 1 245	# 2 235	# 3 225	# 4 215	# 5 205
# 6 120	# 7 110	# 8 100	# 9 90	# 10 55
Anode Output (Amps)				
# 1 3.90	# 2 4.06	# 3 4.07	# 4 4.28	# 5 4.07
# 6 4.60	# 7 4.41	# 8 4.62	# 9 4.62	# 10 4.67
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 18.5	Ohms .65		

Remarks: Drilled to 40'. Found good water sand, blew mud from hole. Started Injection, found shale, sandy shale to 130'. Found good shale to 160'. Then drilled into sand to 200'. Drilled back into good shale to bottom of hole. Installed 260' of 1" P.V.C. vent pipe, 240' with perforations. Slurried approx. 2,600 lbs coke downhole.

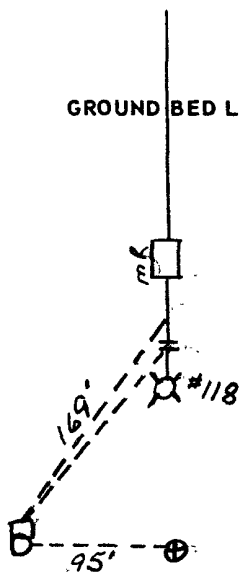
Rectifier Size: 40 V 16 A
 Addn'l Depth: 243
 Depth Credit: 243
 Extra Cable: 189 ✓
 Ditch & 1 Cable: 264 ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: 1 ✓
 10' Stub Pole: 1 ✓

8 Hrs. Req.
 0 Hrs. at.

All Construction Completed

C.W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH



5151

CONSTRUCTION LOGGING READINGS

CPS #: 1739-w WELL NAME: Huerfano #118

LOCATION: SE30-27-10 DATE: 11-13-84

TOTAL VOLTS: 12.1

TOTAL AMPS: 18.5

OHMS RESISTANCE: .65

Logged Thru 400' spool

												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	.44		365			545			①	245	2.56	3.90
10			190	.54		370			550			②	235	2.46	4.06
15			195	1.43		375			555			③	225	2.42	4.07
20			200	2.10		380			560			④	215	2.52	4.28
25			205	2.21	⑤	385			565			⑤	205	2.21	4.07
30			210	2.28		390			570			⑥	120	2.82	4.60
35	1.09		215	2.36	④	395			575			⑦	110	2.85	4.41
water 40	1.16		220	2.35		400			580			⑧	100	2.82	4.62
45	1.34		225	2.43	③	405			585			⑨	90	2.84	4.62
50	2.53		230	2.52		410			590			⑩	55	2.86	4.67
55	2.89	⑩	235	2.51	②	415			595						
60	3.01		240	2.53		420			600						
65	3.20		245	2.55	①	425			605						
70	3.10		250	2.72		430			610						
75	3.37		257 255			435			615						
80	3.16		260			440			620						
85	2.99		265			445			625						
90	2.50	⑨	270			450			630						
95	2.94		275			455			635						
100	2.66	⑧	280			460			640						
105	2.97		285			465			645						
110	2.77	⑦	290			470			650						
115	2.37		295			475			655						
120	2.67	⑥	300			480			660						
125	1.78		305			485			665						
130	1.29		310			490			670						
135	.86		315			495			675						
140	2.01		320			500			680						
145	2.13		325			505			685						
150	1.67		330			510			690						
155	1.05		335			515			695						
160	1.14		340			520			700						
165	1.20		345			525			705						
170	.97		350			530			710						
175	.82		355			535			715						
180	.62		360			540			720						

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 approx. 2,600 lbs Coke down hole.

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE HUERFANO WELL NO. 118 CONTRACTOR CORR. CONTROL RIG NO. 102 REPORT NO. DATE Nov. 13 1984

MORNING					DAYLIGHT					EVENING				
Driller <u>TERENCE LARGENT</u> Total Men In Crew <u>3</u>					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.
0	20	SURFACE SHALE			200	260	SANDY SHALE							
20	40	SAND (WATER)												
40	160	SANDY SHALE												
160	200	SAND												

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SE L 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

REMARKS -	REMARKS - <u>MAKING WATER at 35' feet</u>	REMARKS -
	<u>ESTIMATE 10 to 15 gallons.</u>	

SIGNED: Toolpusher Terence Largent Company Supervisor C.W. Donohue