

845

281-30-045-22494

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. 5 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #281

cps 1232w

Elevation 6812 Completion Date 11/1/78 Total Depth 500' 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. 241'

Depths gas encountered: N/A

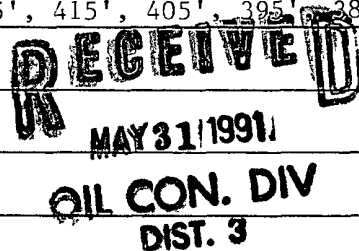
Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 465', 455', 445', 435', 425', 415', 405', 395', 385', 370'

Depths vent pipes placed: 480'

Vent pipe perforations: 300'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 11-1-78

Well Name Huerfano Unit # 281		Location SE 5-25-9		CPS No. 1232 W	
Type & Size Bit Used 6 3/4		Contract # CONTRACT #3		Work Order No. 57233.21	
Anode Hole Depth 500-493	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
	465	455	445	435	425
	# 6	# 7	# 8	# 9	# 10
	415	405	395	385	370
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	4.9	5.1	5.5	5.6	6.0
	# 6	# 7	# 8	# 9	# 10
	5.0	4.5	5.1	4.8	2.5
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	Volts 11.5		Amps 20.4		Ohms .56
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: STATIC %s 600' E = .75 2" X 60" DURIRON
DRILLER SAID WATER AT 241 FT APPROX 16 PM
INSTALLED 480' VENT PIPE PERFORATED 300 FT
SLURRIED 40 SACKS OF COKE

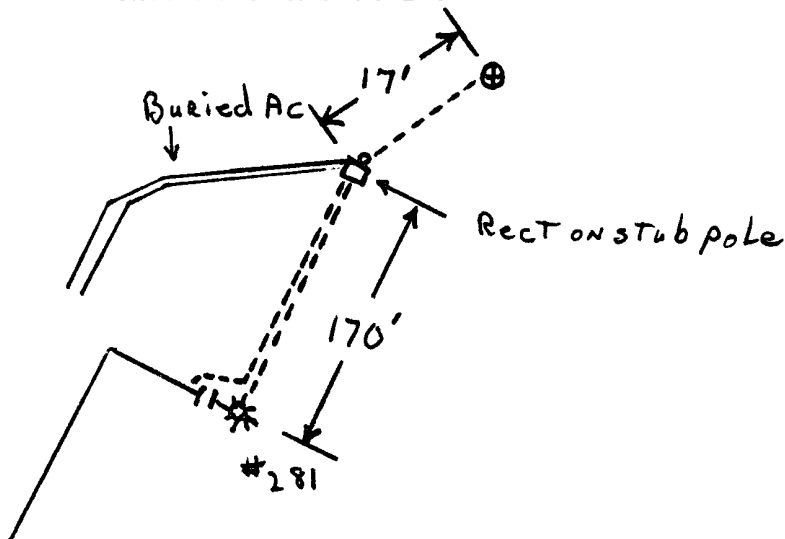
Hole Depth = -7
 Cable + Ditch = 187'
 Extra cable = 170'

40V 16A Rect
 stub pole

All Construction Completed

Robert J. Balnick
 (Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION

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

6812

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: _____ of _____
Date: 11-1-78
By: _____
File: _____1232W SE 5-25-9
Huerfano UNIT #281 - 57233.21

ST% 600E = .75

MW	gals/mol
16.04	C ₁ 6.4
30.07	C ₂ 10.12
44.10	C ₃ 10.42
58.12	iC ₄ 12.38
58.12	nC ₄ 11.93
72.15	iC ₅ 13.85
72.15	nC ₅ 13.71
86.18	iC ₆ 15.50
86.18	C ₆ 15.57
100.21	iC ₇ 17.2
100.21	C ₇ 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

DRILLER SAID WATER
AT 241 FT APPROX 16 PM
DRILLED 500 LOGGED 493
SLURRIED 40 SACKS
OF COKE

240	2.7	440	2.7
	2.3		2.7-3
250	2.6	450	2.7
	2.6		2.8-2
260	2.3	460	2.9
	2.5		2.5-1
270	2.6	470	2.4
	2.4		2.1
280	1.1	480	2.0
	.5		
290	.2	490	
	.2		493+0
300	.3	500	
	.5		
310	.6		
	.7		
320	.8		
	.5		
330	.4		
	.5		

300 VENT 300 PERF.

YOU 16 A RCT
STUB POLE
Hole Depth = -7
CABLE + Ditch = 187'
EXTRA CABLE = 170'
40 SACKS COKE

340	1.2	④465	-3.1	-4.9
	.8	④455	-3.1	-5.1
350	.8	④445	-3.2	-5.5
	.5	④435	-3.3	-5.6
360	.5	④425	-3.5	-6.0
	.8	④415	-2.8	-5.2
370	1.5	④405	-2.7	-5.5
	1.4	④395	-3.2	-5.1
380	2.5	④385	-2.8	-5.2
	2.7-9	④370	-1.2	-2.5
390	2.5			
	2.7-8			
400	2.5			
	2.7-7			
410	2.7			
	3.0-6			
420	2.9			
	2.5-5			
430	2.8			
	2.9-4			

11.5 x 20.4 = 56 chms

1232 W

LEASE

WELL NO.

WELL NO. 12324 CONTRACTOR O'Briant

RIG NO.

1

REPORT NO.

DATE

Nov 1 1978

9 78

[illegible]

	NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____
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

[illegible]

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	35	Sand	215	235	Sandy Shale	405	480	Sandy Shale
35	75	Shale	235	241	Shale	430	500	Shale
75	97	Sand	241	242	Coal - water			
	175	Shale	242	245	Sandstone			
175	205	Sand	245	288	Shale			
205	215	Shale	288	405	Sand			

[illegible]

SIGNED: Toolpusher

SIGNED: Toolpusher Tom O'Brien

Company Super 11 sor