

126-30-045-06022

233-30-045-21215

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 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #126, #233

cps 906w

Elevation 6439' Completion Date 7/1/75 Total Depth 375' 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. 170'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 3600 lbs.

Depths anodes placed: 325', 315', 290', 280', 270', 260', 230', 220', 195', 185'

Depths vent pipes placed: N/A

Vent pipe perforations: 210'

Remarks: 2gb #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

Logan

Drilling Log (Attach Hereto) ☐

Completion Date 7-1-75

Well Name <u>Huerfano 126</u> <u>Huerfano 233</u>		Location <u>SES-26N-9W</u>		CPS No. <u>906W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>184-54357.19-50-20</u> <u>184-5511.19-50-20</u>	
Anode Hole Depth <u>375'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>3600</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>325</u>	# 2 <u>315</u>	# 3 <u>290</u>	# 4 <u>280</u>	# 5 <u>270</u>
	# 6 <u>260</u>	# 7 <u>230</u>	# 8 <u>220</u>	# 9 <u>195</u>	# 10 <u>185</u>
Anode Output (Amps)	# 1 <u>3.0</u>	# 2 <u>3.5</u>	# 3 <u>3.8</u>	# 4 <u>3.6</u>	# 5 <u>3.8</u>
	# 6 <u>4.0</u>	# 7 <u>3.8</u>	# 8 <u>4.0</u>	# 9 <u>3.2</u>	# 10 <u>3.4</u>
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 <u>11.8</u>	Amps <u>15.0</u>	Ohms <u>0.78</u>	<u>2860</u>		

Remarks: Drill with Air Driller said water at
170' Vent Hose Perforated 210' logging and
stopped at 350'

Driller - 1092.00

Water - 453.70

Loop - 106.70

Wire - 265.48

Coke - 216.00

Anodes - 264.60

J Box - 83.00

Rest - 399.50

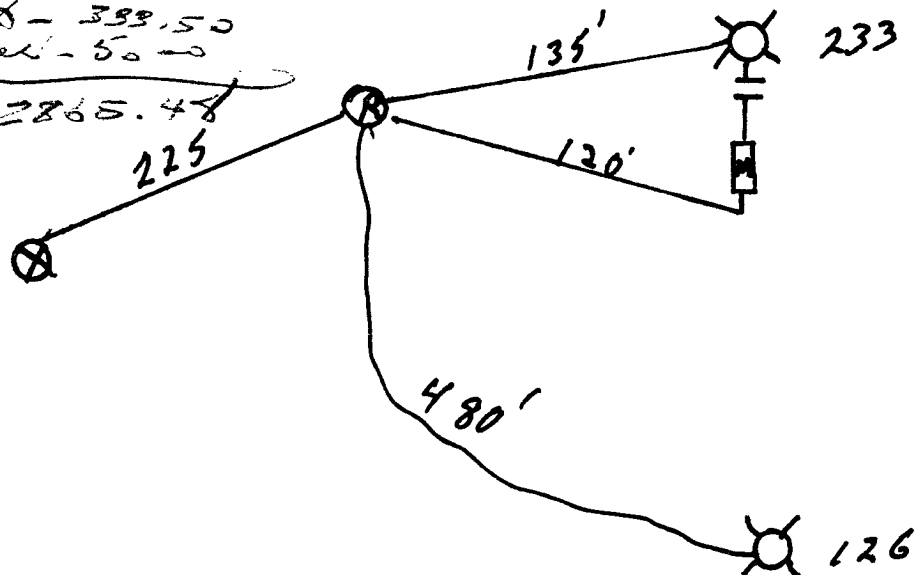
Mud - 50.00

2865.48

All Construction Completed

Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



Pink - Drillers Copy

(Office Use Only)

WELL DRILLERS REPORT

PERMIT NO. _____ County _____

☐ Cable ☐ Rotary
☐ Other ☐ Rev. Rot.

8 WELL CONSTRUCTION

Diameter hole _____ inches Total depth _____ feet

Casing record _____

Weight per foot _____ Thickness _____

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: ☐ Yes ☐ No Type _____

Depth of seal _____ feet

Gravel packed: ☐ Yes ☐ No

Gravel packed from _____ feet to _____ feet

Perforations:

Type perforation _____

Size perforation _____

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

Date completed _____, 19____

Water temperature _____ F. Quality _____

Date 11/1/2011

Pump R.P.M.	G.P.M.	Draw Down	After Hours Pump

906W

MW	gas/mol
16	C ₂ 6.4
30	C ₃ 12.1
44	C ₄ 16.6
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₆ 15.32
142	IC ₇ 17.40
156	C ₇ 17.26
170	IC ₈ 19.64
184	C ₈ 19.57

MW	MISC
44	CO ₂ 0.18
34	H ₂ O 0.17
28	N ₂ 0.16
2	H ₂ 0.18

170	1.4	50	BOTTOM	Driller said water
	1.8			@ 170'
80	1.8			Next hose down 210'
	1.8			
90	1.9			
	1.8			
200	1.6			
	1.7			
10	1.7			
	1.7			
20	1.8			
	1.9			
30	1.9			
	1.6			
40	1.6			
	1.6			
50	1.6			
	1.8			
60	1.8			
	1.7			
70	1.8			
	1.7			
80	1.8			
	1.7			
90	1.8			
	1.7			
300	1.5			
	1.2			
10	1.7			
	1.8			
20	1.8			
	1.8			
30	1.6			
	1.7			
40	1.6			
	1.7			

①	525	1.8	3.0
②	315	1.8	3.5
③	290	2.2	3.8
④	280	2.0	3.6
⑤	270	2.2	3.8
⑥	260	2.2	4.0
⑦	230	2.4	3.8
⑧	220	2.2	4.0
⑨	195	2.0	3.2
⑩	185	2.2	3.4

5560
 300
 2860

11.8 15.0 0.78