

30-045-05698

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit H Sec. 30 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #125

cps 879w

Elevation 6560' Completion Date 6/22/71 Total Depth 515' 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. 235' - 270'

Depths gas encountered: N/A

Type & amount of coke breeze used: 8450 lbs.

Depths anodes placed: 445', 435', 425', 385', 375', 360', 350', 325', 315', 305'

Depths vent pipes placed: 445'

Vent pipe perforations: 420'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL COMPANY

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

CPS CONTRACT

Drilling Log (Attach Hereto). ☐

Completion Date 6/22/71

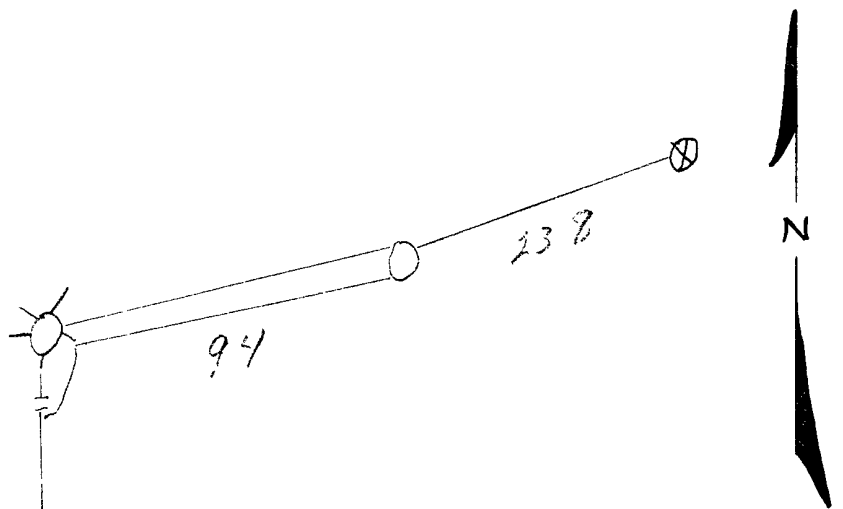
Well Name Huerfano # 125		Location H 30-26N -9 W		CPS No. 879 W	
Type & Size Bit Used// 6 3/4				Work Order No. 184-54018-50-20	
Anode Hole Depth 515	Total Drilling Rig Time	Total Lbs. Coke Used 8450	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 445	# 2 435	# 3 425	# 4 385	# 5 375	# 6 360
Anode Output (Amps)					
# 1 5.3	# 2 6.8	# 3 6.2	# 4 4.1	# 5 4.8	# 6 4.8
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12	Amps 21	Ohms .57	464'		

Remarks: Static G/S = 600' N .80 water sands @ 235' - 270'
Vent Hose Perforated 420' attached to # 1 Anode
Pumped Coke TO 100' completed By slurry

All Construction Completed

Paukk
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

CPS.

LEASE		WELL NO. 8790		CONTRACTOR Joe Moore		RIG NO. 1		REPORT NO.		DATE 1-22		1961			
MORNING				DAYLIGHT				EVENING							
Driller		Total Men In Crew		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	5	Surface sand			235	270	Gravel sand stone water			400	425	Bedrock sand			
5	20	Bedrock + Gravel			270	340	50% shale			425	515	Shale			
15	160	Small white stones			340	380	Bedrock, fine sand								
110	135	50% shale			380	480	Shale								
NO. DC		SIZE	LENG.		NO. DC		SIZE	LENG.		NO. DC		SIZE	LENG.		
NO. DC		SIZE	LENG.		NO. DC		SIZE	LENG.		NO. DC		SIZE	LENG.		
SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS	
SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES	
TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY	
MAKE		TOTAL DEPTH		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		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED	
Time	Stk.	Vis.	Time	Stk.	Vis.	Time	Stk.	Vis.	Time	Stk.	Vis.	Time	Stk.	Vis.	
FROM	TO	TIME BREAKDOWN		FROM	TO	TIME BREAKDOWN		FROM	TO	TIME BREAKDOWN		FROM	TO	TIME BREAKDOWN	
REMARKS -		REMARKS -													
MUD - Drilled 100' w/ Heavy		MUD - Drilled 100' w/ Heavy													
MUD - Blew Hole Day To		MUD - Blew Hole Day To													
Seal Builders - Blew water		Seal Builders - Blew water													
out of hole @ 260' - Drilled		out of hole @ 260' - Drilled													
Hole w/ bit water included.		Hole w/ bit water included.													

SIGNED: Toolpusher

Joe Moore

(company supervisor)

EL PASO NATURAL GAS COMPANY
ENGINEERING DEPARTMENT

Sheet _____ of _____

Date: _____

By: _____

879W

Hupa And 125

H 30 - 26N - 9W

VENT Hose Perforated 420

Water 235' - 270'

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 9.36
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	NC ₅ 13.85
100	NC ₆ 13.71
114	ICA 15.50
128	CA 15.57
142	C ₇ 17.2
156	C ₈ 17.46
170	C ₉ 19.38
184	C ₁₀ 19.64
198	C ₁₁ 19.67

				Depth	Water	Core
200	2.3	70	2.4			
	2.3	80	2.5	1	445	5.3
10	2.5		2.3	2	435	6.8
	2.6	90	2.4	3	425	6.2
20	2.6		1.70	4	385	4.1
	2.5		1.33	5	375	4.8
30	2.2	400	1.0	6	360	4.8
	1.9		.95	7	350	4.8
40	1.5	10	2.1	8	325	5.5
	1.4		1.75	9	315	4.7
50	1.76	20	2.3	10	305	5.7
	2.3	30	2.5			
60	2.4		1.8	12	210	5.7
	2.5	40	2.7			
70	2.4		2.7			
	2.3	50	2.6			
80	2.5		2.4			
	2.7	60	2.4			
90	2.6		1.5			
	2.5	70				
300	2.5	473	Bottom			
10	2.8					
20	2.5					
30	2.1					
	1.9					
40	1.75					
	1.90					
50	2.7					
	2.3					
60	2.4					
	2.3					

Bottom Anode + 20' = 470

D. To H = 232' @ 209 pore
= 46.40 = 30'

Pay Total Depth 500'

MW	MISC	gas/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	2.26