

28-30-045-05911

143-30-045-11600

4316

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. 9 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #28, #143

cps 914w

Elevation 6384' Completion Date 7/10/75 Total Depth 340' 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. WET AT 110' & 160'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5100 lbs.

Depths anodes placed: 295', 275', 240', 230', 220', 210', 200', 180', 170', 160'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qgb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Log

Drilling Log (Attach Hereto). ☐

Completion Date **7-10-75**

Well Name Huerfano # 143 & # 28				Location SE 9-26-9				CPS No. 914W			
Type & Size Bit Used 6 3/4								Work Order No. 54389 & 20134			
Anode Hole Depth 340'		Total Drilling Rig Time		Total Lbs. Coke Used 5100		Lost Circulation Mat'l Used		No. Sacks Mud Used 10			
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	295	275	240	230	220	210	200	180	170	160	
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	3.2	4.2	4.2	4.9	5.4	5.8	4.0	4.0	5.4	4.8	
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 12.7		Amps 16.7		Ohms 0.74		2500'					

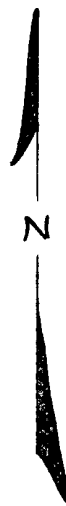
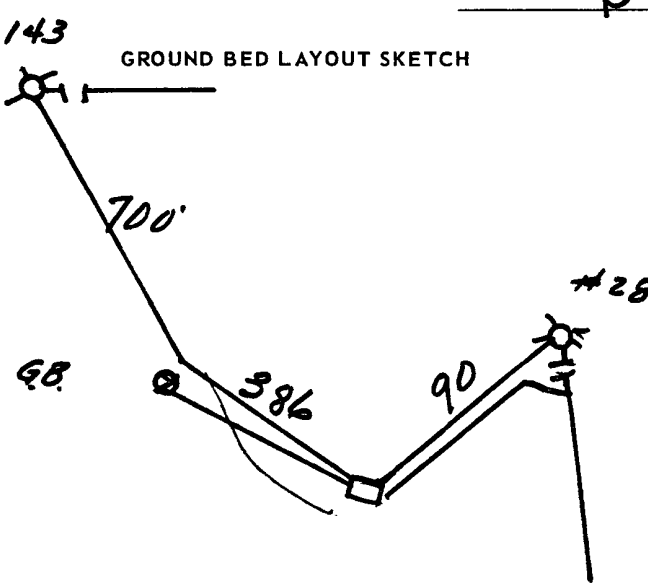
Remarks: Driller said wet at 100 to 110 & at 160 - Drilled to 320 With Air, injection Pump quit Chng to Mud & Drilled to 340, Log Stopped at 311
Vent Perforated 200'

Driller - 2813.56
note - 374.40
Lump - 105.00
Wair - 232.50
Lump - 304.00
Anodes - 264.60
Rents - 533.50
Taxes - 73.00
Total - 5000.00
4457.56

All Construction Completed

Daniel
(Signature)

GROUND BED LAYOUT SKETCH



SIGNED: Toolpusher _____ Company Supervisor _____

914W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 3.25
44	C ₃ 10.42
58	ICA 12.38
72	NCA 11.93
86	NCA 13.85
100	ICA 15.50
114	CA 15.57
128	IC ₂ 17.2
142	C ₇ 17.46
156	C ₈ 19.38
170	C ₉ 9.64
184	C ₁₀ 9.67

MW	MISC.	gas/mol
44	CO ₂	6.18
18	H ₂ O	3.17
28	N ₂	4.16
2	H ₂	3.38

160	2.0	Driller said wet at 160 Drilled to 320 with air - Inj Pump quit, Chng to Mud. Drill to 340 Log stopped at 311 Vent Perf. 200'		
	2.4			
76	2.4			
	2.3			
80	1.8			
	1.4			
90	1.4			
	1.4			
200	1.9			
	2.2			
10	2.4			
	2.2			
20	2.4			
	2.4			
30	2.2			
	2.3			
40	2.0			
	1.6			
50	1.2	1	2.95	2.8 3.2
	1.2	2	2.75	2.6 4.2
60	1.2	3	2.40	2.0 4.2
	1.2	4	2.30	3.0 4.9
70	2.0	5	2.20	2.9 5.4
	2.0	6	2.10	3.2 5.8
80	1.7	7	2.00	2.2 4.0
	.9	8	1.90 1.80	2.2 4.0
90	1.0	9	1.80 1.70	3.2 5.4
	2.2	10	1.60	3.0 4.8
300	2.4			
	2.4			
10	2.1			
311	T.D.			
20				
30				

$$12.7 V \quad 16.7 A = 0.74 \sim$$