

30-045-13031

5189

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. 3 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #110

cps 948w

Elevation 6689' Completion Date 7/31/75 Total Depth 480' 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. 350'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5700 lbs.

Depths anodes placed: 400', 390', 380', 370', 360', 350', 340', 330', 310', 300'

Depths vent pipes placed: N/A

Vent pipe perforations: 270'

Remarks: qgb #1

RECEIVED
MAY 31 1991
OIL CON. DIST.

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 948W

Drilling Log (Attach Hereto). ☐

Completion Date **7-31-75**

Well Name HUERFANO UNIT No. 110				Location SE3-26-10				CPS No. 948W	
Type & Size Bit Used 6 3/4				Work Order No. 53806.19-50-20					
Anode Hole Depth 480		Total Drilling Rig Time		Total Lbs. Coke Used 5700		Lost Circulation Mat'l Used		No. Sacks Mud Used 7	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1 400	# 2 390	# 3 380	# 4 370	# 5 360	# 6 350	# 7 340	# 8 320	# 9 310	# 10 300
# 1 3.5	# 2 3.0	# 3 3.8	# 4 4.4	# 5 4.2	# 6 4.2	# 7 2.8	# 8 2.8	# 9 2.4	# 10 2.6
# 11		# 12		# 13		# 14		# 15	
# 16		# 17		# 18		# 19		# 20	
Total Circuit Resistance		Volts 9.5		Amps 14.0		Ohms 0.68		No. 8 C.P. Cable Used 3820	
								No. 2 C.P. Cable Used	

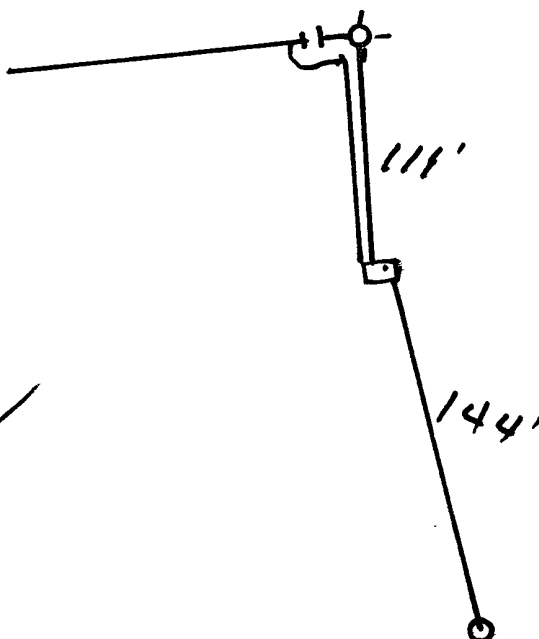
Remarks: Drilled to 320 with air - Several Damp spots - No Water in Hole Next A.M. Log stopped at 300' Wet Enough could Not Recover Cuttings - Start Water injection - Drilled to 480 - Log stopped at 320 Ran Pipe Back & Chase to 460 - Log stopped at 340 Dug Pits & Circulate To Bottom - left Mud in Hole overnight - Circulate to T.D. Next A.M. hogged to 422 - T.D.

Construction Completed

Danels
(Signature)

GROUND BED LAYOUT SKETCH

Driller - 2178.24
Mud - 553.36
Wire - 503.36
Coke - 3000.00
Anodes - 234.00
Rent - 94.50
Tools - 13.00
Misc - 50.00
4020.88



7-28-84 3175

DAILY DRILLING REPORT

LEASE

WELL NO: 948-W CONTRACTOR

RIG NO 3991

REPORT NO.

DATE

19

MORNING

DAYLIGHT

EVENING

MORNING				DAYLIGHT				EVENING			
Total Men In Crew				Total Men In Crew				Total Men In Crew			
Driller	FROM	TO	FORMATION	Driller	FROM	TO	FORMATION	Driller	FROM	TO	FORMATION
0.0	28'		Sand	42'	60'		Shale	103	110'		Shale
20.0	23'		Sandstone	60'	62'		Sandstone	110'	1225'		Sandstone
23'	30'		Shale	62'	70'		Shale	208'	1171'		Shale
30'	42'		Sandstone	70'	103'		Sandstone	217'	237'		Sandstone

MORNING				DAYLIGHT				EVENING			
NO. DC				NO. DC				NO. DC			
SIZE				SIZE				SIZE			
LENG.				LENG.				LENG.			
NO. DC				NO. DC				NO. DC			
SIZE				SIZE				SIZE			
LENG.				LENG.				LENG.			
STANDS				STANDS				STANDS			
SINGLES				SINGLES				SINGLES			
DOWN ON KELLY				DOWN ON KELLY				DOWN ON KELLY			
TOTAL DEPTH				TOTAL DEPTH				TOTAL DEPTH			

MUD RECORD				MUD RECORD				MUD RECORD			
MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED			
Time	WT.	Vis.		Time	WT.	Vis.		Time	WT.	Vis.	

TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
FROM	TO			FROM	TO			FROM	TO		
237'	240'	Shale	348'	378'	Shale	411'	422'	Shale	422'	435'	Shale
240'	253'	Sandstone	378'	380'	Sandstone	422'	435'	Sandstone	435'	445'	Shale
253'	257'	Shale	380'	392'	Shale	435'	445'	Shale	445'	480'	Sandstone
257'	282'	Sandstone	392'	402'	Sandstone	445'	480'	Sandstone	480'	480'	Sandstone
282'	285'	Shale	402'	405'	Shale	480'	480'	Sandstone	480'	480'	Sandstone
285'	318'	Sandstone	405'	414'	Sandstone	480'	480'	Sandstone	480'	480'	Sandstone

REMARKS -

REMARKS -

REMARKS -

Drift from 300' to 350'

Working over with from 350 to 480'

1 Baggs - 11' mud

Water drill - cement hole

SIGNED: Toolpusher

Company Supervisor

Jimmy Jones

948W - 7-30-75

42
100
56
34
72
60

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 2.3
44	C ₃ 10.42
58	IC ₄ 2.39
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 12.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.2
156	C ₇ 17.46
170	C ₈ 17.55
184	C ₉ 16.64
198	C ₁₀ 9.67

300	1.5	Drilled 320' - Several Damp spots No water in Hole Next A.M. Wet Enough Could Not Recover Cuttings - Log 300' Start injection-water. Drill to 480' Tight Coming out of Hole log stopped at 320. Move Rig Back & Clean out Dug Pits - 4 Sacks Mud - 7-31-75 Add Mud & Circulate to 480' - Thin Down log stopped at 422
	1.4	
10	1.2	
	.8	
20	1.4	
	1.2	
30	.8	
	.8	
40	1.5	
	2.0	
50	2.0	Vent Perf. 270 Slurry 57 SK. 1 400 2.6 3.5 2 390 1.4 3.0 3 380 2.4 3.8 4 370 2.5 4.4 5 360 2.4 4.2 6 350 2.3 4.2 7 340 1.5 2.8 8 320 1.8 2.8 9 310 .5 2.4 10 300 1.8 2.6
	1.9	
60	2.0	
	2.2	
70	2.0	
	2.1	
80	2.0	
	1.4	
90	1.4	
	2.0	
400	2.1	422 T.D. 9.5V = 14.0A = 0.68
	2.0	
10	2.1	
	1.7	
20		
30		
40		
50		
60		
70		

MW	MISC	gas/mol
44	CO ₂	5.38
34	H ₂ S	5.17
28	N ₂	1.16
2	H ₂	3.38