

19- 30-045- 06068
71- 30-045- 06076

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 NE Sec. 3 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANITO Unit #71, #19

cps 1012w

Elevation 6369' Completion Date 8/7/75 Total Depth 320' 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. 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3200 lbs.

Depths anodes placed: 275', 240', 230', 220', 210', 200', 190', 180', 170', 140'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #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

Drilling Log (Attach Hereto) ☐

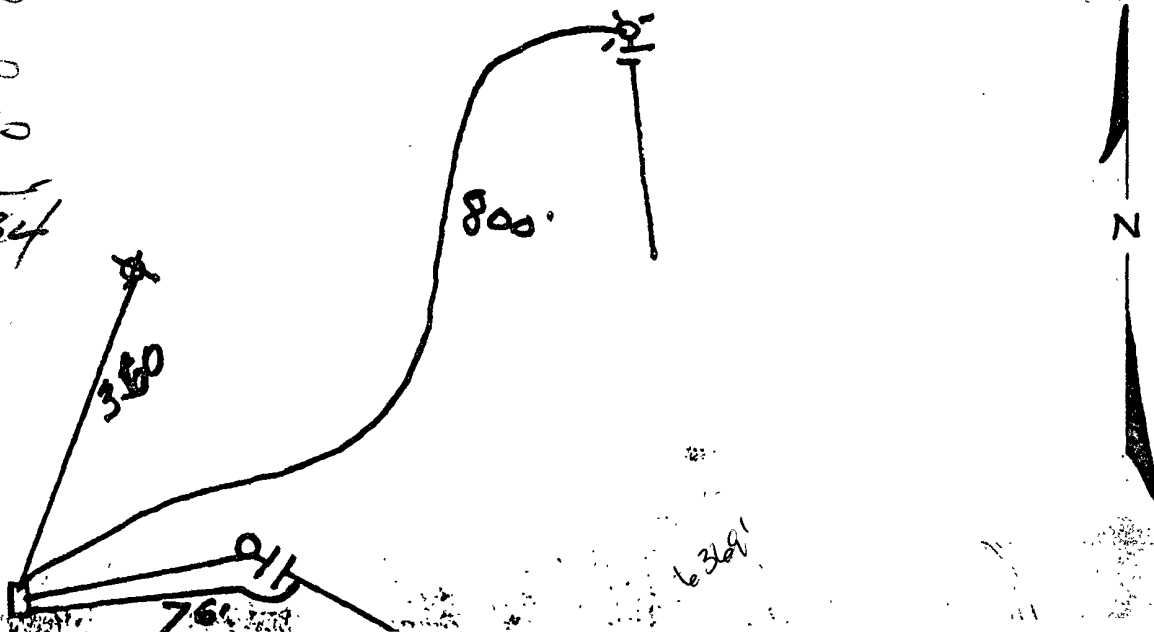
Completion Date **8-7-75**

Well Name Huerfano #71 & 19		Location NE 3-26-9		CPS No. 1012 W	
Type & Size Bit Used 6 3/4				Work Order No. 20462 & 90311	
Anode Hole Depth 320	Total Drilling Rig Time	Total Lbs. Coke Used 3200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	275	240	230	220	210
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.8	4.0	4.2	4.5	4.3
Anode Depth	# 6	# 7	# 8	# 9	# 10
	200	190	180	170	160
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	4.8	5.4	5.2	4.6	4.6
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts		Amps		Ohms
	9.5		16.5		0.57
No. 8 C.P. Cable Used	No. 2 C.P. Cable Used				
	2355				

Remarks: **Drill to 120' - With Air - Water at 100' Next A.M.**
Vent Perforated 200'
Slurry 32 Sacks Coke

Driller 933.10
Note 362.96 458.12
Coke 192.00
Wire 219.02
Anodes 264.80
Vent 23.00
T Box 86.00
Rest 333.50
Misc 50.00
2294.34

GROUND BED LAYOUT SKETCH



Construction Completed
Danels
(Signature)

1012 W

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 10.12
44	C ₃ 10.42
58	IC ₄ 12.35
72	NC ₄ 11.93
72	IC ₅ 13.85
86	NC ₅ 13.71
86	IC ₆ 15.50
100	IC ₇ 17.2
114	C ₈ 17.46
128	C ₉ 19.35
142	C ₁₀ 21.24
156	C ₁₁ 23.13
170	C ₁₂ 25.02
184	C ₁₃ 26.91
198	C ₁₄ 28.80
212	C ₁₅ 30.69
226	C ₁₆ 32.58
240	C ₁₇ 34.47
254	C ₁₈ 36.36
268	C ₁₉ 38.25
282	C ₂₀ 40.14
296	C ₂₁ 42.03
310	C ₂₂ 43.92
324	C ₂₃ 45.81
338	C ₂₄ 47.70
352	C ₂₅ 49.59
366	C ₂₆ 51.48
380	C ₂₇ 53.37
394	C ₂₈ 55.26
408	C ₂₉ 57.15
422	C ₃₀ 59.04

MW	MISC	gas/mol
44	CO ₂	0.18
34	H ₂ S	0.17
28	N ₂	0.16
2	H ₂	0.15

100	1.8	280	2.2	Drill 120 w air wtr at 100 in AM.	
	1.9		2.2		
10	2.1	90	2.2		
	1.7		1.7	Vent Perf. 200	
20	1.6	300	1.8		
	1.6			307 T.D.	
30	1.6				
	2.0			Slurry 30 SAH.	
40	2.0	70			
	1.7				
50	1.7				
	1.6				
60	1.7				
	2.0				
70	2.2				
	2.2				
80	2.4				
	2.5				
90	2.5				
	2.6				
200	2.5				
	2.3				
10	2.2				
	1.8				
20	2.0				
	2.2				
30	2.2				
	2.2				
40	1.9				
	1.8				
50	1.6				
	1.7				
60	1.6				
	1.4				
70	1.4				
	2.0				

1	275	2.3	3.8
2	240	2.2	4.0
3	230	2.4	4.2
4	220	2.3	4.5
5	210	2.3	4.3
6	200	2.7	4.8
7	190	2.8	5.4
8	180	2.7	5.2
9	170	2.4	4.6
10	140	2.6	4.6

70	55
165	9.50
	8.25
	1.25
	0.57
16.5A	0.57

8-6208-7-75 DAILY DRILLING REPORT

LEASE			WELL NO. 1012-W			CONTRACTOR			RIG NO. 3991			REPORT NO.			DATE			19		
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.				
0.0	2'	Sand				6.0		Shale				102'		Shale						
2.0	35'	Sandstone				62'		Sandstone				106'		Sandstone						
35.0	43'	Shale				66'		Shale				110'		Shale						
43'	60'	Sandstone				97'	102'	Sandstone				118'	112'	Sandstone						
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.			
SERIAL NO.		NO. DC		SIZE	LENG.	SERIAL NO.		NO. DC		SIZE	LENG.	SERIAL NO.		NO. DC		SIZE	LENG.			
SIZE 6 3/4		STANDS				SIZE		STANDS				SIZE		STANDS						
TYPE		SINGLES				TYPE		SINGLES				TYPE		SINGLES						
MAKE		DOWN ON KELLY				MAKE		DOWN ON KELLY				MAKE		DOWN ON KELLY						
TOTAL DEPTH						TOTAL DEPTH						TOTAL DEPTH								
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED					
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.						
FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN				FROM	TO	TIME BREAKDOWN						
142'	153'	Shale				234'		Shale				291'		Shale						
153'	180'	Sandstone				240'		Sandstone				293'		Sandstone						
180'	187'	Shale				250'		Shale				1120'		Shale						
187'	189'	Sandstone				252'		Sandstone												
189'	207'	Shale				272'		Shale												
207'	234'	Sandstone				276'	291'	Sandstone												
REMARKS -						REMARKS -						REMARKS -								
Wet @ 30' to 35'																				
Damp at 43' to 60'																				
" " 118'																				
8-7-75 Water @ 100'																				
Water inject. 100' to 320'																				

SIGNED: Toolpusher

Jimmy Jones

Company Supervisor