

30-045-20417

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator HUERFANO UNIT #187 Location: Unit NE Sec. 6 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #187

cps 896w

Elevation 6723' Completion Date 7/3/75 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. 125'

Depths gas encountered: N/A

Type & amount of coke breeze used: 14000 lbs.

Depths anodes placed: 320', 310', 300', 290', 280', 270', 260', 250', 240', 230'

Depths vent pipes placed: N/A

Vent pipe perforations: 235'

Remarks: Gqb #1 FIRST HOLE CAVED.

RECEIVED
MAY 31 1991
OIL

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 7/3/75

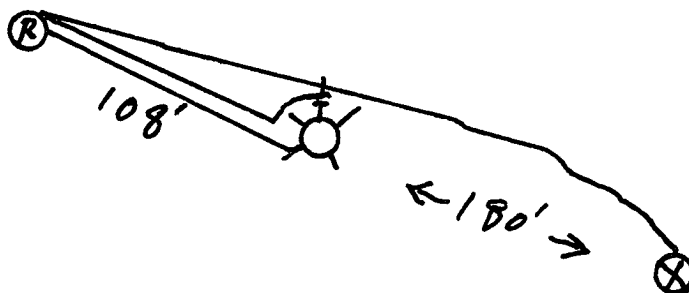
Well Name Huerfano #187		Location NE 6 - 25N - 9W		CPS No. 896 W	
Type & Size Bit Used 6 3/4"		Work Order No. 184-54643.19-50-2			
Anode Hole Depth 385	Total Drilling Rig Time 375	Total Lbs. Coke Used 14,000	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	320	310	300	290	280
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.8	7.6	5.3	5.0	5.0
Anode Depth	# 6	# 7	# 8	# 9	# 10
	270	260	250	240	230
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	6.0	3.4	3.8	6.2	6.0
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts		Amps		Ohms
					3050
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: Driller said water AT 125'
VENT Perforated 235'
Drilled Hole #1, Hole caved unable to use
Drilled Hole #2 Ran Anodes Hole caved
BUT Anodes finally Responded To coke
Next Day

All Construction Completed

Eduard R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



Drill bit - 1076.40
 Pipe - 256.34
 Pump - 64.02
 Anode - 283.65
 Cable - 216.00
 Submersible - 264.60
 83.00
 50.00
 195.00
2489.05

896 W

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 1.12
44	C ₃ 10.42
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	NC ₆ 17.2
142	C ₇ 17.46
156	C ₈ 17.9
170	C ₉ 9.64
184	C ₁₀ 9.67

MW	MISC	gas/mol
44	CO ₂	9.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	5.38

130	1.6	1.8	1.0	2.0	Driller said water @ 125'
	1.6	1.6	2.0	2.0	100' Perforated 225'
	1.0	1.2	2.0	2.0	Hole #1 Tight Spot
40	.8	.8	20	2.0	@ 118 ON #1 ANODE
	.8	1.0		1.8	Worked through Rain
50	1.2	1.5	30	1.4	TWO OTHER ANODES
	1.6	1.8		1.6	ALL Free Load Hole
60	1.6	1.6	40	1.6	WITH WATER ANODE
	1.4	1.5		1.4	To RUN #4 ANODE
70	1.2	1.3	50	1.2	Pulled ANODES OUT
	1.0	1.2		BOTTOM	Hole #2 Arrived
80	1.6	2.0	60		AT LOCATION 7:40
	1.2	1.2			@ 8:00 Driller Had
90	.6	.8			25' To go. @ 8:30
	.6	1.0			COMING OUT OF HOLE
200	1.0	1.0			WATER TRUCK LEFT
	1.4	1.6			LOCATION 9:00 AM
10	1.6	2.0			
	1.6	1.8			
20	1.6	2.2	1.1	1	320
	1.6	2.0	2.3	2	310
30	1.4	2.0	2.3	3	300
	2.0		1.7	4	290
40	2.0		1.6	5	280
	2.0		1.8	6	270
50	2.0		1.0	7	260
	2.0		1.1	8	250
60	2.0		1.2	9	240
	2.0		1.2	10	230
70	2.0				
	2.0				
80	2.0				
	2.0				
90	2.0				
	2.0				
300	2.0				

2750
300
3050

14 Sacks

Pink - Drillers Copy

STATE OF OKLAHOMA
WATER RESOURCES BOARD
5th Floor, Jim Thorpe Building
Oklahoma City, Oklahoma 73105

(Office Use Only)

896W

WELL DRILLERS REPORT

PERMIT NO. _____ County _____

5. TYPE WELL

☐ Cable	☐ Rotary
☐ Other	☐ Rev. Rot.

LITHOLOGIC LOG

[illegible]

Date completed _____, 19____

7. WELL TEST DATA

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

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

9. WATER LEVEL

Water temperature _____ F. Quality _____

10. DRILLERS CERTIFICATION

Date _____