

180-30-045-20217
239-30-045-21227

4313

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

Operator MERIDIAN OIL Location: Unit NW Sec. 18 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #180, #239

cps 917w

Elevation 6501' Completion Date 7/18/75 Total Depth 300' 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3600 lbs.

Depths anodes placed: 250', 230', 220', 210', 200', 190', 180', 170', 160', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: 230'

Remarks: qgb #1

RECEIVED

MAY 31/1991

OIL CON. DIV

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 9920

Drilling Log (Attach Hereto) ☐

Completion Date 7-18-75

Well Name <u>Huerfano # 180</u> <u>Huerfano # 239</u>		Location <u>NW 18-26N-9W</u>		CPS No. <u>917W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>54573.19-50-20</u> <u>55522.19-50-20</u>	
Anode Hole Depth <u>300</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>3600</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>250</u>	# 2 <u>230</u>	# 3 <u>220</u>	# 4 <u>210</u>	# 5 <u>200</u>	# 6 <u>190</u>
# 7 <u>180</u>	# 8 <u>170</u>	# 9 <u>160</u>	# 10 <u>150</u>		
Anode Output (Amps)					
# 1 <u>4.0</u>	# 2 <u>3.6</u>	# 3 <u>4.6</u>	# 4 <u>4.0</u>	# 5 <u>4.0</u>	# 6 <u>4.4</u>
# 7 <u>4.0</u>	# 8 <u>4.4</u>	# 9 <u>4.4</u>	# 10 <u>4.4</u>		
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 <u>11.8</u>	Amps <u>15.5</u>	Ohms <u>0.76</u>	<u>2260</u>		

Remarks: Drill with Air. Driller said water
AT 140. VENT Hose Perforated 230'
Logging A Node Stopped AT 275'

Driller - 858.00

mate - 394.68

Imp - 213.40

Wires - 210.18

coke - 216.00

anodes - 264.60

J Box - 83.00

Rail - 333.50

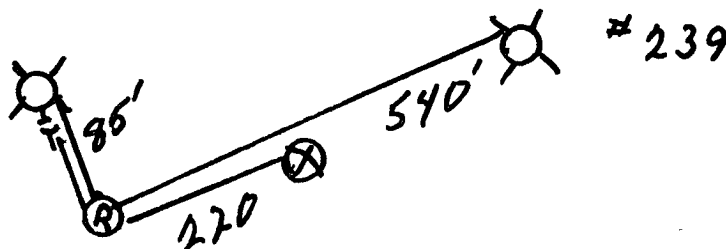
total - 50.00

2623.36 #180

All Construction Completed

Edward R. Paulch
(Signature)

GROUND BED LAYOUT SKETCH



975

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

Application No. _____
 Aquifer _____
 Stream System Code _____
 Use Code _____
 County _____
 (Office Use Only)

1. OWNER 9116 ADDRESS _____

2. LOCATION _____ 1/4 _____ 1/4 _____ 1/4 _____ Sec. _____ Twp. _____ N/S Rge. _____ E / W _____
 PERMIT NO. _____ County _____

3.	TYPE OF WORK	4.	PROPOSED USE	5.	TYPE WELL
☐ New Well	☐ Recondition	☐ Domestic	☐ Irrigation	☐ Test	☐ Cable
☐ Deepen	☐ Other	☐ Municipal	☐ Industrial	☐ Stock	☐ Rotary
					☐ Other
					☐ Rev. Rot.

[illegible]

Date started _____, 19____
Date completed _____, 19____

WELL TEST DATA			
Pump R.P.M.	G.P.M.	Draw Down	After Hours Pump

8. WELL CONSTRUCTION

Diameter hole 6 3/4 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**

Static water level _____ Feet below land surface _____

Flow _____ G.P.M. _____

Water temperature _____ F. Quality _____

10. **DRILLERS CERTIFICATION**

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Alt Gibson

Address _____

Well driller's license number _____

Signed _____

Date _____

917W

140	2.4	Driller said water		
	2.4	AT 140'		
⑩ 50	2.6	Vent Perforated 130		
	2.6			
⑥ 60	1.4			
	2.6			
④ 70	2.4			
	2.4			
③ 80	1.4			
	2.4			
② 90	2.4			
	2.4			
① 200	2.2	1	250	2.4 4.0
	2.2	2	230	2.2 3.6
① 10	2.4	3	220	2.6 4.6
	2.4	4	210	2.6 4.0
① 20	2.4	5	200	2.4 4.0
	2.4	6	190	2.6 4.4
① 30	2.2	7	180	2.6 4.0
	1.8	8	170	2.6 4.4
40	1.6	9	160	2.6 4.4
	1.8	10	150	2.6 4.4
① 50	2.2			
	2.2			
60	2.2			
	1.8			
70	1.2			
	BOTTOM			
80				
90				
300				

MW	gas/mol
16	C ₁ 6.4
20	C ₂ 10.4
44	C ₃ 12.34
58	NC ₄ 11.93
72	IC ₅ 11.84
86	IC ₆ 17.2
100	IC ₇ 17.46
114	C ₈ 17.5
28	C ₉ 17.5
42	C ₁₀

MW	MISC
44	CO ₂ 5.17
34	H ₂ S 4.16
28	N ₂ 3.38
2	H ₂

1960 11.8 15.5 0.76
 300
 2260