

#1 30-045-09240

#2 30-045-26831

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit A Sec. 27 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced MURPHY C #1, #2

cps 1930w

Elevation 5904' Completion Date 4/12/88 Total Depth 440' 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. 220'

RECEIVED

MAY 31 1988

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 390', 380', 370', 360', 320', 310', 300', 290', 245', 235'

Depths vent pipes placed: 422'

Vent pipe perforations: 220'

Remarks: gb #1

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DATE: 11-10-77

Drilling Log (Attach Hereto) ☐

CPS #

Well Name, Line or Plot:

Well Order #

State:

Completion Date: 11-10-77

Pipe ID: 071038700

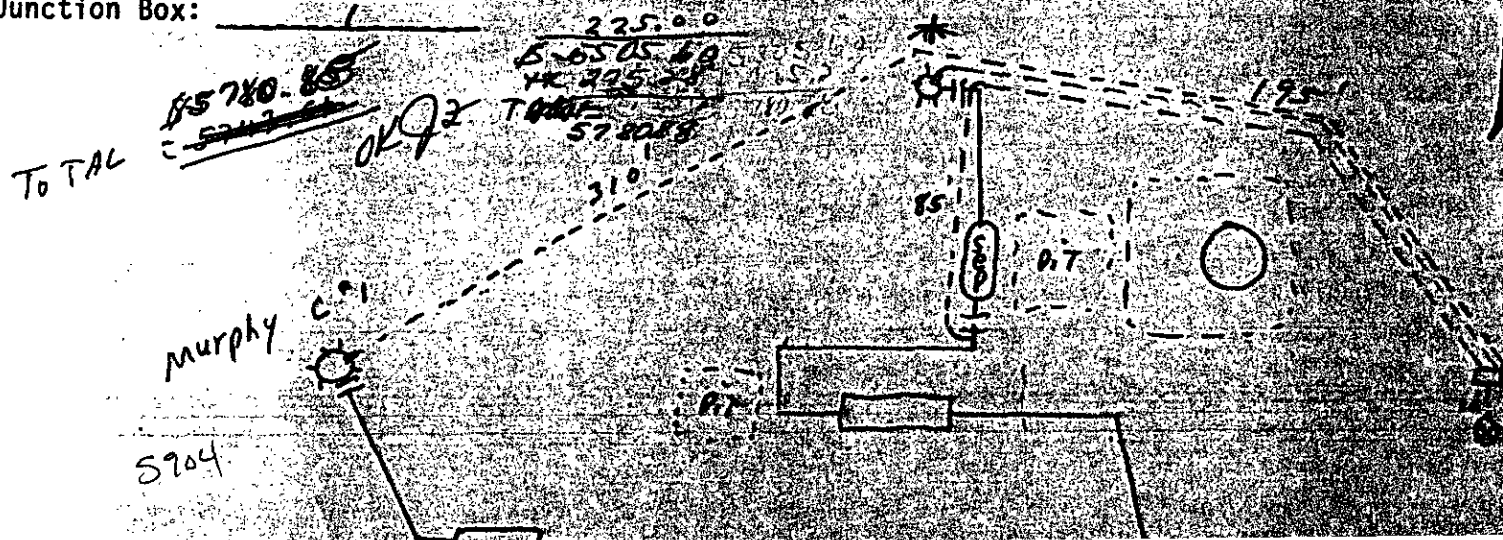
Comp 4-13-00-J

1930 W	Murphy C-2	2649A	394600-N	
Location: A-27-30-11	Anode Size: 2"x60"	Anode Type: Durion	Size: 6 3/4	
Depth Drilled: 440'	Depth Logged: 422'	Drilling Rig Type:	Total lbs. Cable Used:	Loss Cathodic Mils Used:
Anode Depth:				
# 1 390'	# 2 380'	# 3 370'	# 4 360'	# 5 320'
# 6 310'	# 7 300'	# 8 290'	# 9 280'	# 10 270'
Anode Output (Amps):				
# 1 4.2	# 2 4.9	# 3 5.2	# 4 4.9	# 5 5.4
# 6 5.0	# 7 4.8	# 8 5.6	# 9 5.7	# 10 6.2
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:				
Volts 11.94	Amps 27.5	Ohms 43	No. 8 C.P. Cable Used:	No. 2 C.P. Cable Used:

Remarks: Water at 220', took water sample, would not settle out.
 Installed 422' of 1" P.V.C. Vent Pipe in Hole, Perforated at 220'

G.B. - 84074.00 ✓
 Rectifier Size: 40V 16A 669.00 ✓
 Addn'l Depth: _____
 Depth Credit: -78' -273.00 ✓
 Extra Cable: 470' 390' 28.60 ✓
 Ditch & 1 Cable: 51.5' 600' 420.00 ✓
~~Ditch & 2 Cable:~~
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____

All Connections Completed



DEEP WELL GROUNDWATER LOG

Well No. Murphy 2 Location A-27-30-11

194

5		230	1.6	5070	435		1600
10		235	2.4	⑤	440		1650
15		240	2.3		445		1690
20		245	2.3	⑤	450		1730
25		250	2.1		455		1760
30		255	1.7		460		1790
35		260	1.4		465		1810
40		265	1.5		470		1815
45		270	1.7		475		1820
50		275	1.2		500		1825
55		280	1.2		505		1830
60		285	2.4		510		1835
65		290	2.4	⑤	515		1840
70		295	2.4		520		1845
75		300	2.2	⑤	525		1850
80		305	2.2		530		1855
85		310	2.2	⑤	535		1860
90		315	2.3		540		1865
95		320	2.2	⑤	545		1870
100		325	2.2		550		1875
105		330	1.9		555		1880
110		335	1.3		560		1885
115		340	1.4		565		1890
120		345	1.1		570		1895
125		350	1.9		575		1900
130		355	2.0		580		1905
135		360	2.2	⑤	585		1910
140		365	2.2		590		1915
145		370	2.8	⑤	595		1920
150		375	2.3		600		1925
155		380	2.2	②	605		1930
160		385	1.6		610		1935
165		390	2.7	①	615		1940
170		395	1.9		620		1945
175		400	1.5		625		1950
180		405	1.5		630		1955
185		410	1.5		635		1960
190		415	1.5		640		1965
195		420	4.2	7.0	645		1970
200		425			650		1975
205		430			655		1980
210		435			660		1985
215		440		Drilled	665		1990
220		445			670		1995
225		450			675		2000

1970 W.

D. CRASS

DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Murphy C#2 Date 4-11-88Client Medican Oil Co. Prospect _____County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	5	SANDY CLAY
5	10	SOFT SANDSTONE
10	50	SHALE
50	55	SAND
55	220	SHALE
220	225	SAND Water at 220'
225	440	SHALE

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller RONNIE BROWN