

1 - 30-045-08811
200 30-045-27047

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. 1 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL C #1, #200

cps 275w

Elevation 6080' Completion Date 6/10/74 Total Depth 340' 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'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 6000 lbs.

Depths anodes placed: 310', 295', 285', 275', 265', 255', 245', 215', 205', 190'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #2

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

logged

Drilling Log (Attach Hereto). ☐

Completion Date 6/10/74

Well Name <u>Howell C #1</u>		Location <u>NE 1 - 29N - 8W</u>		CPS No. <u>275W</u>						
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>184-52012.19-50-</u>						
Anode Hole Depth <u>340</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>6000 EST.</u>	Lost Circulation Mat'l Used						
No. Sacks Mud Used										
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>310</u>	<u>295</u>	<u>285</u>	<u>275</u>	<u>265</u>	<u>255</u>	<u>245</u>	<u>215</u>	<u>205</u>	<u>190</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>2.6</u>	<u>2.3</u>	<u>2.8</u>	<u>3.1</u>	<u>3.1</u>	<u>2.4</u>	<u>2.8</u>	<u>2.8</u>	<u>3.3</u>	<u>3.3</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	Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
	<u>11.2</u>		<u>10.2</u>		<u>1.09</u>					

Remarks: Driller said water @ 140. water standing @ 140' after 16 hrs. Pumped to water zone complete by slurry. Vent hose reforced 200'

\$ 3,409.00
20.00 Cable

\$ 3,429.00
-330.00 Depth Credit

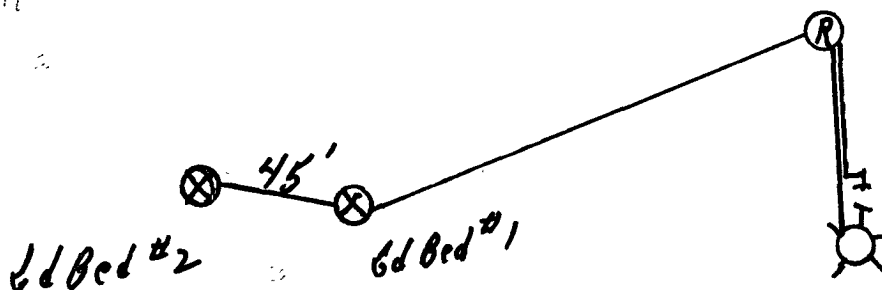
\$ 3,099.00
123.96 TAX

\$ 3,222.96 TOTAL

All Construction Completed

Eduard R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



N

STORM WATER WELL DRILLING INC.

**DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING**

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill 6 D - 15 W

Date JUNE 10 - 1974

Owner Storm Org.

C.P.S 275W

Location

City _____ State _____ County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling 1 1/2

Driller Art Hadwell

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer-_____

275W

V = 7.0

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 12.42
58	IC ₄ 15.38
72	NC ₄ 18.33
86	IC ₅ 21.29
100	NC ₅ 24.25
114	C ₆ 27.21
128	C ₇ 30.17
142	C ₈ 33.13
156	C ₉ 36.09

140	.4	20	.9	Driller Solid Water
	.5		.6	② 140'
50	.5	30	.6	Water Standing @ 140'
	.5	331	30 TTOM	Vent Hose Port 200'
60	.5	40		
	.5			
70	.5	50		
	.5			
90	.5			
	.6			

⑩	90	1.3		Water	CO ₂	
		1.6		1.310	1.6	2.6
	200	1.3		2.295	1.2	2.3
⑨		1.4		3.285	1.6	2.8
	10	1.5		4.275	1.6	3.1
⑧		1.3		5.265	1.6	3.1
	20	1.1		6.255	1.2	2.4
		.9		7.245	1.5	2.8
	30	.6		8.235	1.3	2.8
		.5		9.225	1.5	3.3
	40	.9		10.190	1.7	3.3

MW	MISC	gas/mol
44	CO ₂	9.18
34	H ₂ S	3.17
28	N ₂	4.16
2	H ₂	1.38

⑦	1.3			
50	1.4	11.24	10.2 R	1.09-2
⑥	1.2			
60	1.2			
⑤	1.5			
70	1.6			
④	1.5			
80	1.6			
③	1.7			
90	1.4			
②	1.2			
300	1.0			
	.9			
① 10	1.6			
	1.5			