

755

1-30-045-08445

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

Operator MERIDIAN OIL Location: Unit SE Sec. 11 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced HOUCK #1

cps 1027w

Elevation 5794' Completion Date 11/2/76 Total Depth 260' 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. 40', 130', 170'

Depths gas encountered: N/A

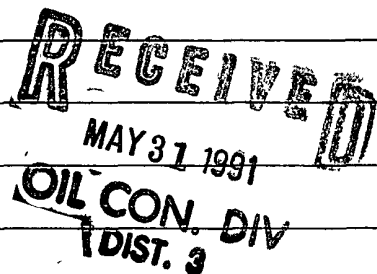
Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 185', 175', 95', 85', 75'

Depths vent pipes placed: N/A

Vent pipe perforations: 185'

Remarks: gb #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 **11-2-76**

Well Name Houck #1		Location SE 11-29-10		CPS No. 10274	
Type & Size Bit Used 6 3/4		Total Drilling Rig Time Log 260		Work Order No. 40701.19-502	
Anode Hole Depth Log 260		Total Lbs. Coke Used 40		Lost Circulation Mat'l Used	
Anode Depth		Total Drilling Rig Time		No. Sacks Mud Used	
# 1 185	# 2 175	# 3 95	# 4 85	# 5 75	# 6
# 1 5.9	# 2 5.6	# 3 5.8	# 4 5.6	# 5 5.4	# 6
# 11	# 12	# 13	# 14	# 15	# 16
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance Volts 11.5		Amps 16.5		Ohms 0.7	
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: **Driller Said Blew Mud out at 40'**
Wet Again at 130 & 170
Vent Perforated 185
Slurry 40 Sack Coke

\$2,648.00
-270.00 Depth Credit
24.50 Surs. Cable

2,402.50
96.10 TAX

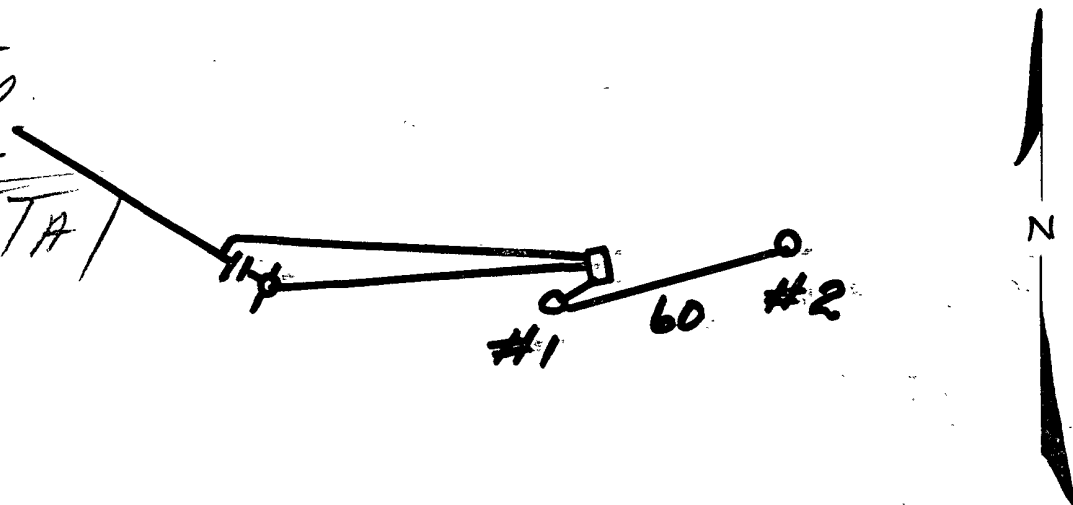
#2,498.60
240.00 Coke
213.40 Insp
50.00 Misc

\$3,002.00 TOTAL

All Construction Completed

Arrels
(Signature)

GROUND BED LAYOUT SKETCH



5794

DAILY DRILLING REPORT '

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

1027W

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC.	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

50	1.8	✓	Driller said Blow Mod out at 40'
	1.7	✓	
60	1.8	✓	
	2.0	✓	
70	1.8	✓	
	2.0	✓	
80	1.9	✓	
	2.0	✓	
90	1.9	✓	
	2.0	✓	
100	1.8	✓	
	1.9	✓	
10	1.9	✓	
	1.7	✓	
20	1.7	✓	
	1.8	✓	
30	1.5	✓	
	1.5	✓	
40	1.3	✓	
	1.2	✓	
50	1.0	✓	
	1.1	✓	
60	1.3	✓	
	1.4	✓	
70	1.9	✓	
	2.0	✓	
80	2.0	✓	
	2.1	✓	
90	1.8	✓	
	1.8	✓	
200	1.6	✓	
	1.4	✓	
10	1.1	✓	
	.8	✓	
20	1.3	✓	
	1.6	✓	
30	1.4	✓	
	1.5	✓	
40	1.7	✓	
	2.2	✓	
50	2.6	✓	
60			

Vent Perf. 185

1	185	2.6	5.9
2	175	2.5	5.6
3	95	2.4	5.8
4	85	2.3	5.6
5	75	2.4	5.4

$$\sqrt[165]{11.50V} \quad 16.5A - 0.7$$

260TD