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421

13- 30-045-00000
87- 30-045-00023

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

Operator MERIDIAN OIL Location: Unit SW Sec. 1 Twp 26 Rng 9Name of Well/Wells or Pipeline Serviced HUERFANITO UNIT #87, #13

cps 1009w

Elevation 6167' Completion Date 8/11/75 Total Depth 500' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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'

Depths gas encountered: N/AType & amount of coke breeze used: 10 SACKSDepths anodes placed: 385', 375', 365', 300', 290', 280'Depths vent pipes placed: N/AVent pipe perforations: 250'Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

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

Drilling Log (Attach Hereto) ☐

Completion Date 8/11/75

Huanfani To Unit #87 " " " " = 13		Location <u>SW 1-26-9</u>		CPS No. <u>1009 W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order No. <u>54397.19-50-</u> <u>90306.19-50-20</u>			
Anode Hole Depth <u>500'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>10</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>385'</u>	<u>375'</u>	<u>365'</u>	<u>300'</u>	<u>290'</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	<u>2.2</u>	<u>2.2</u>	<u>2.0</u>	<u>1.8</u>	<u>2.3</u>
Anode Depth	# 6	# 7	# 8	# 9	# 10
	<u>280'</u>				
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	<u>2.3</u>				
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>13V</u>	Amps <u>8.4A</u>	Ohms <u>1.54</u>	<u>2175</u>		

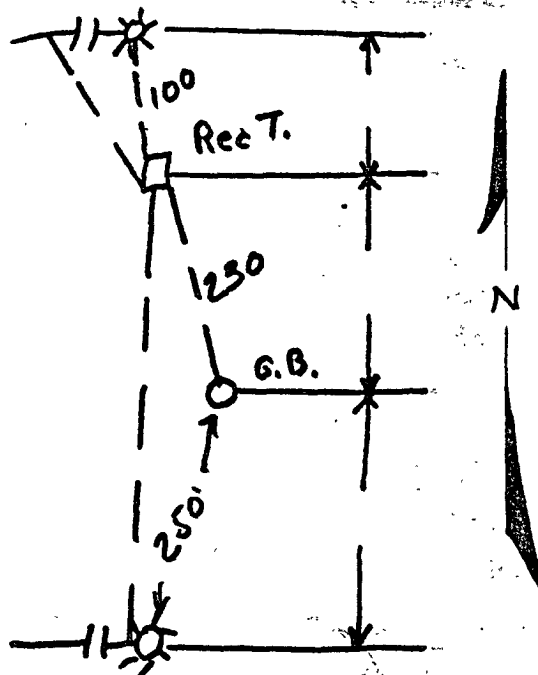
Remarks: Driller said WATER AT 40'. Drilled 150' with Air, Then went to Mud. Vent perforated @ 250'. Log stopped AT 7'. Driller went BACK in Hole to 200', went BACK with Log, stopped AT 200'. Driller went BACK in Hole to 500'. Log stopped AT 425'. First 6 ANODES went DOWN, seventh ANODE Hit Bridge AT 70'. Pulled #6 ANODE BACK TO 114'.

(Plug 44') Hole caved, coking while installing ANODES, used 10 SACKS of COKE. some coke around 7 ANODE.

All Construction Completed

JE Stoltz
(Signature)

GROUND BED LAYOUT SKETCH



Driller 1326.00
Mats 351.52
Snap 213.40
Wash 303.28
Coke 60.00
Anodes 158.76
Vent 23.00
Return 333.50
J Box 76.00
Misc 50.00

2804.46

1275

10167



P.O. Box 326 • Broken Bow, Oklahoma 74728

Ph. Office 405/584-6000
Mobile 584-6860
Night 420-3248

DATE 8-11-75

Work Order No. 54397-19-50-20

Memorandum 13-87

CUSTOMER: <i>El Paso Gas Co.</i>		SERVICE ADDRESS: <i>Box 990 E. 7401</i>		CITY: <i>Farmington N.M.</i>	
TRIP NO.: <i>1109-6</i>	REQ. NO.:	SERVICEMAN: <i>Maxwell D. Phillips</i>	VEHICLE NO.: <i>74</i>	DATE COMPLETED: <i>8-11-75</i>	

LITHOLOGIC LOG

[illegible]

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

INSTRUCTIONS

**SERVICE
PERFORMED:**

TOTAL DEPTH 42 5'

RIG TIME

WATER TRUCK

DRILLERS CERTIFICATION

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

Name Chadwick

Address

Well driller's license number

Signed

Date _____

Customer's₁ Signature

By

CPS. 1009

MW	gas/mol
16	C ₁ 9.4
30	C ₂ 10.1
44	C ₃ 10.42
58	IC ₄ 10.58
72	NC ₄ 11.93
86	IC ₅ 13.71
100	IC ₆ 15.50
114	IC ₇ 17.2
128	IC ₈ 17.46
142	IC ₉ 19.59
156	IC ₁₀ 21.64
170	IC ₁₁ 23.67

MW	MISC	gas/mol
44	CO ₂	5.18
58	H ₂ S	5.17
72	N ₂	4.16
86	H ₂	3.18

250 - 1.0	30 -	200 - .8
.6		1.1
260 - .6	40 -	10 - 1.3
1.3		.9
70 - 1.8 ✓	50 -	20 - 1.7
2.0		1.7
80 - 2.0	60 -	30 - 1.6
1.8		2.0
90 - 1.9	70 -	40 - 1.5
1.8		1.2
300 - 1.4	80 -	50 -
.8		
10 - .9	90 -	
.9		
20 - .7	500 -	
.5		
30 - .6		
.6		
40 - .6		
.6		
50 - .5		
.4		
60 - .9	1 - 285 - 1.6	.22
1.6 ✓	2 - 275 - 2.2	
70 - 1.8	3 - 265 - 2.0	
1.8	4 - 300 - 1.8	
80 - 1.8	5 - 290 - 2.3	
1.4 ✓	6 - 280 - 2.3	
90 - .9	7 - 270 -	
.6	8 - 240 -	
400 - .4	9 - 230 -	
.4	10 - 220 -	
10 - 1.8 ✓		
1.6		
20 - 1.5		

8.4 A @ 13 V

425 Bottom

250' vent P&H

6 3/4