

964

30-045-10000

E

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. 2 Twp 30 Rng 13

Name of Well/Wells or Pipeline Serviced MONCRIEF COM A #2
cps 1437w

Elevation N/A Completion Date 7/27/79 Total Depth 420' 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. 200' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 43 SACKS

Depths anodes placed: 390', 380', 370', 335', 325', 315', 290', 280', 270', 260'

Depths vent pipes placed: 415'

Vent pipe perforations: 240'

Remarks: gb #1 \ RETIRED.

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Contract [#]2 (2'x60" DURATION)

Completion Date 7/27/79

Well Name MONCRIEF COM A[#]2		Location NE 2-30-13		CPS No. 1437 W	
Type & Size Bit Used 6 3/4"				Work Order No. 90987-19	
Anode Hole Depth 420' T.D. 415'	Total Drilling Rig Time	Electrode Coke Used 43 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 390'	# 2 380'	# 3 370'	# 4 335'	# 5 325'	# 6 315'
# 7 290'	# 8 280'	# 9 270'	# 10 260'		
Anode Output (Amps)					
# 1 3.2	# 2 3.5	# 3 4.2	# 4 3.5	# 5 5.2	# 6 4.5
# 7 5.2	# 8 6.5	# 9 4.0	# 10 3.5		
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	
Volts 11.2 V		Amps 16.4 A		Ohms .71 Ω	
				No. 2 C.P. Cable Used	

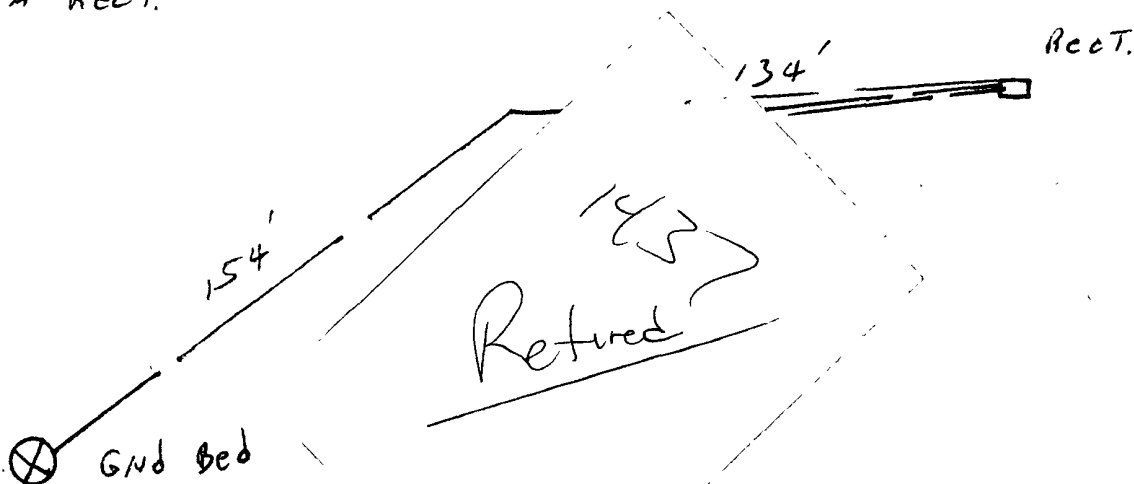
Remarks: STATIC 600' W = .90V Driller said WATER AT 200', APPROX.
5 GAL./MIN. DRILLED TO 220' WATER STANDING IN HOLE NEXT A.M.
AT 180' DRILLED 420' LOGGED 415'. INSTALLED 415' OF 1" A.C.
VENT PIPE PERFORATED 240'.

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH

Ditch & Cable = 288'
 extra cable = 288'
 Hole depth - 85'
 20' meter Loop pole
 40V 16A RECT.



DISTRIBUTION:
 WHITE - Division Corrosion Office
 YELLOW - Area Corrosion Office
 PINK - Originator File

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

MONCRIEF COM A*2

CPS 1437W

NE 2-30-13

90987-19

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

180-	390-1.9 - ①	DRILLER SAID WATER AT 200'
90-	2.6	DRILLED TO 220' WATER STAND
	400-2.7	IN HOLE NEXT A.M. AT 180'
	2.6	APPROX. 5 GAL./MIN. DRILLED
200-	10-2.0	TO 420' LOGGED 415'
		INSTALLED 415' of 1"
10-	20-	P.V.C. VENT PIPE
		PERFORATED 240'
20-.9		
30-.9		7/27/79 10 Mm
40-.8		11.7 V. 16.4 A. = 71.2
50-.7		JS
60-2.3 - ⑩		
70-2.5 - ⑨		
80-3.6 - ⑧		
90-3.3 - ⑦		
300-1.8		
10-2.5		
20-2.8 - ⑤		
30-2.2 - ④		
40-2.0 - ③		
50-1.5 - ②		
60-1.0 - ①		
70-0.5 - ①		
80-0.5 - ②		
90-0.5 - ②		
100-0.5 - ②		
110-0.5 - ②		
120-0.5 - ②		
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170-0.5 - ②		
180-0.5 - ②		
190-0.5 - ②		
200-0.5 - ②		
210-0.5 - ②		
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290-0.5 - ②		
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370-0.5 - ②		
380-0.5 - ②		
390-0.5 - ②		
400-0.5 - ②		
410-0.5 - ②		
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740-0.5 - ②		
750-0.5 - ②		
760-0.5 - ②		
770-0.5 - ②		
780-0.5 - ②		
790-0.5 - ②		
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810-0.5 - ②		
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870-0.5 - ②		
880-0.5 - ②		
890-0.5 - ②		
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970-0.5 - ②		
980-0.5 - ②		
990-0.5 - ②		
1000-0.5 - ②		

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9658 Date 8-3-79

Operator EPNG Well Name MONCRIEF COM A2

Location NE 2-30-13 County SAN JUAN State NM

Field Formation

Sampled From CPS 1437 W 200'

Date Sampled By

Tbg. Press. <u> </u>	Csg. Press. <u> </u>	Surface Csg. Press. <u> </u>
ppm	epm	ppm epm

Sodium <u>161</u>	Chloride <u>36</u>	
7	1	

Calcium <u>568</u>	Bicarbonate <u>234</u>	
28	4	

Magnesium <u>39</u>	Sulfate <u>1600</u>	
3	33	

Iron <u>PRESENT</u>	Carbonate <u>0</u>	
	0	

H ₂ S <u>ABSENT</u>	Hydroxide <u>0</u>	
	0	

cc: D.C.Adams
R.A.Ullrich
E.R.Paulek
J.W.McCarthy
A.M.Smith
W.B.Shropshire
File
C. B. O'Nan

Total Solids Dissolved 3030

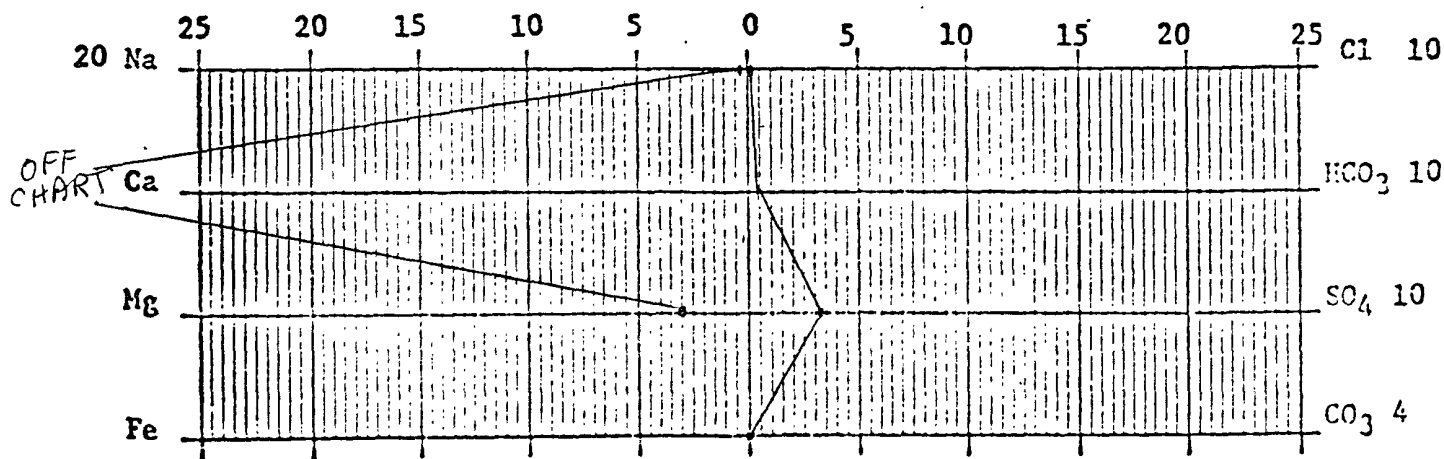
PH 7.7

Sp. Gr. 1.0037 at 60°F

Resistivity 310 ohm-cm at 75°F

Approx. 5 gal/min

Cheryl Terwilliger
Chemist *MS*



Scale: epm

DATE 7-27 1970

EVENING

Total Men In Crew

R.P.M.

6 3/4

NO.	DC	SIZE	LENG
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STANDS

SINGLES

DOWN ON KELLY

TOTAL DEPTH

MUD, ADDITIVES USED AND RECEIVED

Y15	
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TIME BREAKDOWN

10.1111/j.1365-3113.2011.04501.x

[illegible]

22

REMARKS -

360-420 sandy shale

____ Company Supervisor