

4986

30-045-23042

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. 36 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced BLANCO COM A #6A

cps 1375w

Elevation 6046' Completion Date 8/31/79 Total Depth 515' Land Type* N/A

Casing, Sizes, Types & Depths 10' OF 8' PIPE

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. 100' - 130', 160' & 400'

SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 440', 433', 426', 419', 412', 275', 195', 170', 160', 150'

Depths vent pipes placed: 520'

Vent pipe perforations: 400'

Remarks: gb #1

RECEIVED

MAY 31 1991

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

CONTRACT #2

Drilling Log (Attach Hereto). ☐

2" x 60" DUEIRON

Completion Date 8-31-79

Well Name BLANCO Com A 6A		Location SE 36-30-8		CPS No. 1375W	
Type & Size Bit Used 6 3/4		STATIC = .99		Work Order No. 57299-21	
Anode Hole Depth 515'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	440	433	426	419	412
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.4	4.1	3.8	3.7	2.5
Anode Depth	# 6	# 7	# 8	# 9	# 10
	275	195	170	160	150
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	1.6	2.3	2.4	3.0	3.0
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 11.7	Amps 11.0	Ohms 1.06			

Remarks: Driller advised water sand 100'-130' Wait 5 min
Blow water sample 30' water in hole next AM Question
1-2 gal per minute. More water at 160' + 400' 75-10
gal per minute. Installed 10' 8" plastic pipe. Hole washing
out at top. 520' 1" PVC vent pipe 400' perforated.
2 Hrs rig time to set surface casing (3 Trines) drilled
Legit 515'

STUB POLE

40/16 RECT

DITCH #1 CABLE = 210'

EXTRA CABLE 175'

HOLE = +15'

GROUND BED LAYOUT SKETCH

135'

75'

EXISTING AC

(Signature)

DISTRIBUTION:

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

lecke

El Paso Natural Gas Company
ENGINEERING CALCULATION
 8 Hrs Reg
 8 Hrs Reg
 3 Hrs OT
 Sheet: 8-31
 Date: 8-31
 By: BT
 File:

STATIC = .99 137.5 W

Blanco Com A 6A SE36-30-8 57299-1

 Driller advised water sand 100-130' wait 5 min
 flow water sample. 30' water in hole next AM
 (estimate 1-2) gal per minute. more water at
 Installed 10' 8" plastic pipe hole was washing out
 at top 520' 1" PVC vent pipe 400' perforated

 2 Hrs rig time to set
 Casing (3 times)

Drilled 520' Logged 515'

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

150 1.2

55 1.7

60 1.6

65 1.4

70 1.3

75 1.2

80 .98

85 .7

90 .5

95 .7

200 1.3

5 1.4

10 .98

15 .7

20 .8

25 .8

30 .5

35 .5

40 .7

45 .7

50 .7

10

9

8

7

6

5

4

3

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0

0

55 .7

60 .7

65 .7

70 .8

75 .7

80 .98

85 .7

90 .6

95 .6

300 .7

5 .6

10 .6

15 .6

20 .6

25 .7

30 .7

35 .6

40 .5

45 .6

50 .6

55 .5

60 .6

65 .6

70 .8

75 .8

80 .7

85 .7

90 .8

95 .8

500 8.2

5 .6

10 1.6

15

20

20

20

20

20

20

20

11.7V 11.0A = 1.06W

55 .6

60 .7

65 .7

70 .6

75 .6

80 .6

85 .6

90 .6

95 .6

400 .6

5 .7

10 .5

15 .76

20 1.2

25 1.5

30 1.6

35 1.5

40 1.8

45 1.3

50 .86

55 .5

60 .6

65 .6

70 .8

75 .8

80 .7

85 .7

90 .8

95 .8

500 8.2

5 .6

10 1.6

15

20

20

20

20

20

20

20

TD

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

Analysis No. 1-9747 Date 10-24-79

Operator ENPG Well Name Blanco Com A # 6

Location SE 36-30-8 County Rio Arriba State N.M.

Field _____ Formation _____

Sampled From 1375 W

Date Sampled _____ By _____

Tbg. Press. _____	Csg. Press. _____	Surface Csg. Press _____
ppm	epm	ppm epm

Sodium <u>1014</u>	<u>44</u>	Chloride <u>0</u>	<u>0</u>
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Calcium <u>512</u>	<u>26</u>	Bicarbonate <u>0</u>	<u>0</u>
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Magnesium _____		Sulfate <u>3350</u>	<u>70</u>
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Iron <u>Heavy</u>		Carbonate <u>0</u>	<u>0</u>
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H ₂ S Absent		Hydroxide <u>0</u>	<u>0</u>
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cc: D.C.Adams Total Solids Dissolved 6282

R.A.Ullrich

E.R.Paulek

J.W.McCarthy

A.M.Smith

W.B.Shropshire

File

C. B. O'Nan

pH 2.8

Sp. Gr. 1.0057 at _____ °F

Resistivity 164 ohm-cm at 77 °F

Unable to determine the Mg due to the high Fe and low pH, Ca also questionable

