

1382

30-039-22236

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. 25 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #10A

cps 1606w

Elevation 6684' Completion Date 10/13/81 Total Depth 470' 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. 100' - 120', 250' - 270', 450' - 470'

SAMPLE TAKEN

Depths gas encountered: N/A

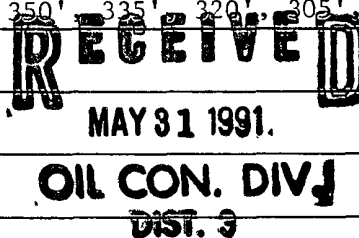
Type & amount of coke breeze used: N/A

Depths anodes placed: 430', 420', 400', 380', 365', 350', 335', 320', 305', 290'

Depths vent pipes placed: 470'

Vent pipe perforations: 230'

Remarks: (gb #1)



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 10-13-81

Well Name <u>ST 28-6 #10A</u>		Location <u>SE 25-28-6</u>		CPS No. <u>11606W</u>	
Type & Size Bit Used <u>6 3/4 UNION OK STATIC = .849</u>				Work Order No. <u>57844-21-50-20</u>	
Anode Hole Depth <u>470' Log 460'</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Material Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>430</u>	# 2 <u>420</u>	# 3 <u>400</u>	# 4 <u>380</u>	# 5 <u>365</u>	# 6 <u>350</u>
# 7 <u>335</u>	# 8 <u>320</u>	# 9 <u>305</u>	# 10 <u>290</u>		
Anode Output (Amps)					
# 1 <u>2.88</u>	# 2 <u>3.25</u>	# 3 <u>2.30</u>	# 4 <u>2.42</u>	# 5 <u>3.10</u>	# 6 <u>3.00</u>
# 7 <u>2.58</u>	# 8 <u>3.60</u>	# 9 <u>3.53</u>	# 10 <u>3.11</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts <u>12.0</u>	Amps <u>15.3</u>	Ohms <u>.78</u>	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

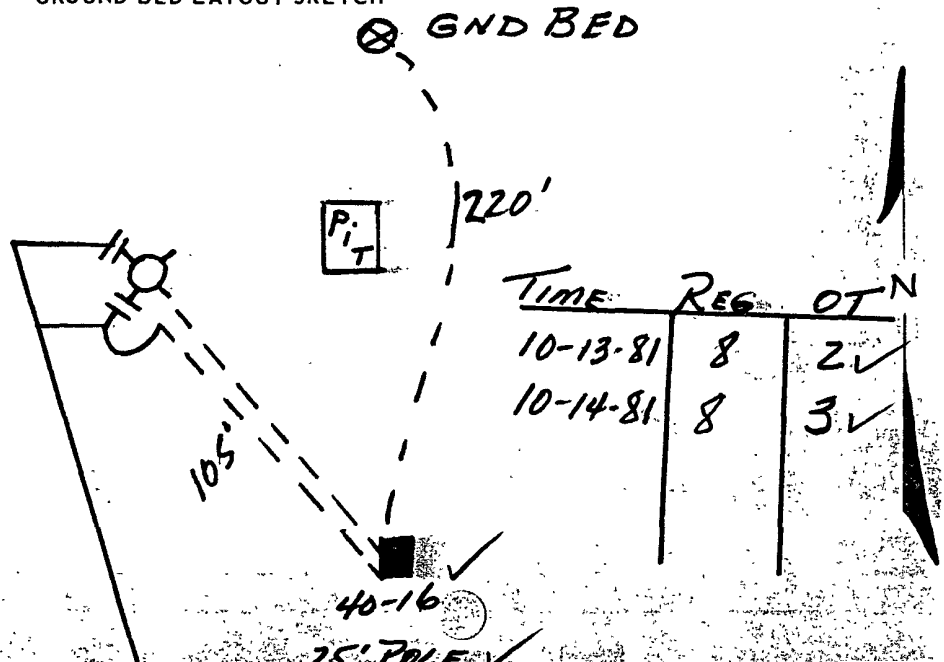
Remarks: DAMP 100 - 120' SET 30 MIN WOULD NOT BLOW SAMPLE
DAMP 250 - 270 SET 30 MIN BLOW SAMPLE
240' 1" PLAIN VENT PIPE BALANCE PERFORATED
MORE WATER 450 - 470'

DITCH #1 CABLE = 325' ✓
XTRA CABLE = 125' ✓
HOLE = -40' ✓

GROUND BED LAYOUT SKETCH

All Construction Completed

BT
(Signature)



DISTRIBUTION:

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

1593 W

Form 7-354 (Rev 11-77)

EL PASO NATURAL GAS COMPANY

Sheet _____ of _____

Date: 10-13-8

By: BT

SI 28-6 # 10A
SE 25-28-6

1606 W

STATIC = .84N
UNION = OK
57844-21-50-2

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 9.61

DAMP 100'-120' SET 30 MIN WOULD NOT
BLOW WATER. DAMP 250'-60' SET FOR
30 MIN. BLOW SAMPLE. STARTED INJECTION
240' 1" PLAIN VENT PIPE BALANCE
PERFORATED.

DRILLED TO 470 LOG 460 VOLTS = 12.0
WATER AT 450'-470' Amps = 15.3

Σ = 1.78

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

60	1.78	45	1.11	⑥ 30	1.40	① 15
65	1.74	50	1.08	35	1.46	20
70	1.63	55	1.42	40	1.01	25
75	1.41	60	1.44	⑤ 45	.76	30
80	1.40	65	1.26	50	.80	35
85	1.23	⑩ 70	1.33	55	.70	40
90	1.33	75	1.24	④ 60	— TO	45
95	1.64	80	1.15	65		50
100	1.66	⑨ 85	.98	70		55
5	1.57	90	.96	75		60
10	1.73	95	.96	80		65
15	1.67	⑧ 100	.96	③ 85		70
20	1.54	5	1.10	90		75
25	1.77	10	1.06	95		80
30	1.34	⑦ 15	1.22	② 100		85
35	1.18	20	1.63	5		90
40	1.26	25	1.80	10		95

#	1	430'	1.69	2.88	400	55
	2	420'	1.77	3.25	5	60
	3	400'	1.18	2.30	10	65
	4	380'	1.32	2.42	15	70
	5	365'	1.43	3.10	20	
	6	350'	1.18	3.00	25	
	7	335'	1.40	2.58	30	
	8	320'	1.85	3.60	35	
	9	305'	1.74	3.53	40	
	10	290'	1.63	3.11	45	
					50	

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

Analysis No. _____ Date _____

Operator El Paso Natural Gas Well Name San Juan 28-6 #10A CPS 1606W

Location SE 25-28-6 County Rio Arriba State New Mexico

Field Cedar Hill Formation _____

Sampled From 250'

Date Sampled _____ By _____

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

Sodium _____ Chloride _____

Calcium _____ Bicarbonate _____

Magnesium _____ Sulfate _____

Iron _____ Carbonate _____

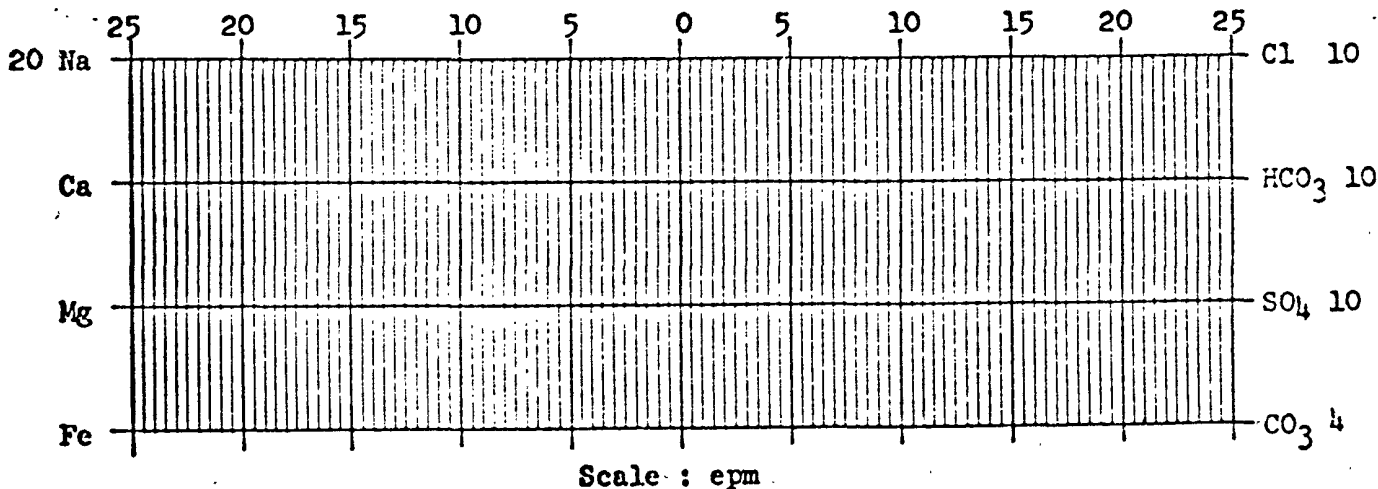
H₂S _____ Hydroxide _____

cc: R. A. Ullrich Total Solids Dissolved _____
E. R. Paulek
J. W. McCarthy pH _____
J. D. Evans
W. B. Shropshire Sp. Gr. _____ At _____ 60°F
D. C. Adams
File Resistivity _____ ohm-cm at _____ °F

* Insufficient Water For Complete Test

Dennis P. Bird
Chemist

RZE



SEC. 25-28-6

16891

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

gellieb

Company Supervisor: