

1006

36-30-039-07211

186-30-039-20582

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. 6 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #36, #186

cps 1285w

Elevation 6183' Completion Date 9/14/78 Total Depth 60' Land Type* N/A

Casing, Sizes, Types & Depths 30' OF 8" PVC SURFACE CASING

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. 190' SAMPLE TAKEN

Depths gas encountered: N/A

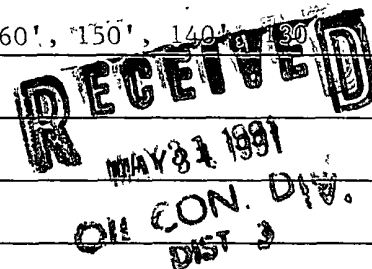
Type & amount of coke breeze used: 46 SACKS

Depths anodes placed: 300', 280', 180', 170', 160', 150', 140', 130', 120', 110'

Depths vent pipes placed: 340'

Vent pipe perforations: 260'

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 9-14-78

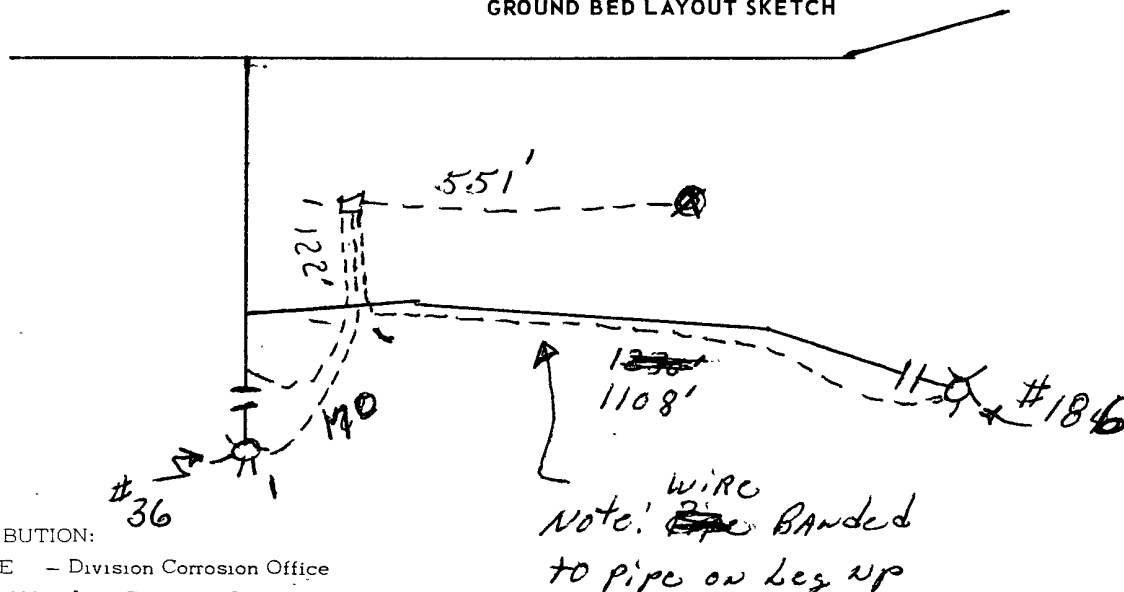
Well Name <u>S.J. 28-6 #36</u>		Location <u>NE 6-27-6</u>		CPS No. <u>1285W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Contract # <u>CONTRACT #2</u>		Work Order No. <u>#52705-19</u> <u>#55346-19</u>	
Anode Hole Depth <u>360-350</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	#1	#2	#3	#4	#5
	<u>300</u>	<u>280</u>	<u>180</u>	<u>170</u>	<u>160</u>
Anode Output (Amps)	#1	#2	#3	#4	#5
	<u>2.1</u>	<u>2.4</u>	<u>3.3</u>	<u>4.3</u>	<u>3.3</u>
Anode Depth	#6	#7	#8	#9	#10
	<u>150</u>	<u>140</u>	<u>130</u>	<u>120</u>	<u>110</u>
Anode Output (Amps)	#6	#7	#8	#9	#10
	<u>2.6</u>	<u>2.4</u>	<u>2.7</u>	<u>3.0</u>	<u>3.1</u>
Anode Depth	#11	#12	#13	#14	#15
Anode Output (Amps)	#11	#12	#13	#14	#15
Total Circuit Resistance	Volts <u>12.1</u>		Amps <u>8.7</u>		Ohms <u>1.4</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: Static 600' SW #36 = 0.86. Static 600' SW #186 = 0.88. Driller
Said Making water @ 190'. 45' Gals Per Min. Perforated 260' of 1"
PVC Vent Pipe. Installed 340' of 1" PVC Vent Pipe. Slurried Sacks of Co.
Installed 30' of 8" PVC Surface Casing. Water standing @ 90' after 30 min. wa.
60V 30A Rectifier
20' Motor Pole
Hole Depth = -150
Ditch #1 Cable = 1951'
Extra Cable = 414'

All Construction Completed

W J Louto
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6183

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 260 of 260

Date: _____

By: _____

File: _____

S.J. 28-6 #36

S.J. 28-6 #186

NE 6-27-6
CONTRACT #2

1285W

52705-19-50-28

55346-19-50-80

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

STATIC 600'SW #36 = 0.88
STATIC 600'SW #186 = 0.86

DRILLER SAID MAKING WATER @ 190'. GALS PER
PERFORATED 260' OF 1" PVC vent Pipe
INSTALLED 340' OF 1" PVC vent Pipe
SLURPED 46 SACKS OF COKE
INSTALLED 30' OF 8" SURFACE CASING P.V.C.

1 80	1.4	③	60	ASTOR 30' WATER STANDING	90
	1.2				95 1.8
90	.9		70		100 2.1
	1.0				1 1.5
2 00	.6		80		10 1.8 ⑩
	.5				1.5
10	.5		90		20 1.3 ⑨
	.5				1.3
20	.5		400		30 1.3 ⑧
	.5				1.1
30	.5				
	.5				
40	.6				
	.6				
50	.6				
	.6				
60	.7				
	.8				
70	.7				
	.9				

Hole CAVED @ 53'
Washed Bridge out

60V 30A Rectifier
20' meter Pole
Hole Depth = 150'
Ditch Cable = 1951'
EXTRA CABLE = 414'

80	1.3	②	①	300	1.2	2.1
	.7		②	280	1.4	2.4
90	.7		③	180	1.9	3.3
	1.0		④	170	2.7	4.3
3 00	1.1	①	⑤	160	1.8	3.3
	.4		⑥	150	1.4	2.6
10	.5		⑦	140	1.3	2.4
	.5		⑧	130	1.5	2.7
20	.6		⑨	120	1.7	3.0
	.6		⑩	110	1.8	3.1
30	.6					
	.6					
40	.5					
	.5					
50	.5	FD				

VOLTS = 12.1
AMPS = 8.7
OHMS = 1.4

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

Analysis No. 1-9349 Date 11-8-78

Operator _____ Well Name San Juan 28-6 #36 & 186

Location NE6-27-6 County Rio Arriba State NM

Field _____ Formation _____

Sampled From CPS ~~285~~ W WTR @ 190' 45 GPM

Date Sampled _____ By _____

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

Sodium 966 42 Chloride 20 .6

Calcium 154 8 Bicarbonate 390 6

Magnesium 0 0 Sulfate 2060 43

Iron PRESENT Carbonate 0 0

H₂S ABSENT Hydroxide 0 0

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

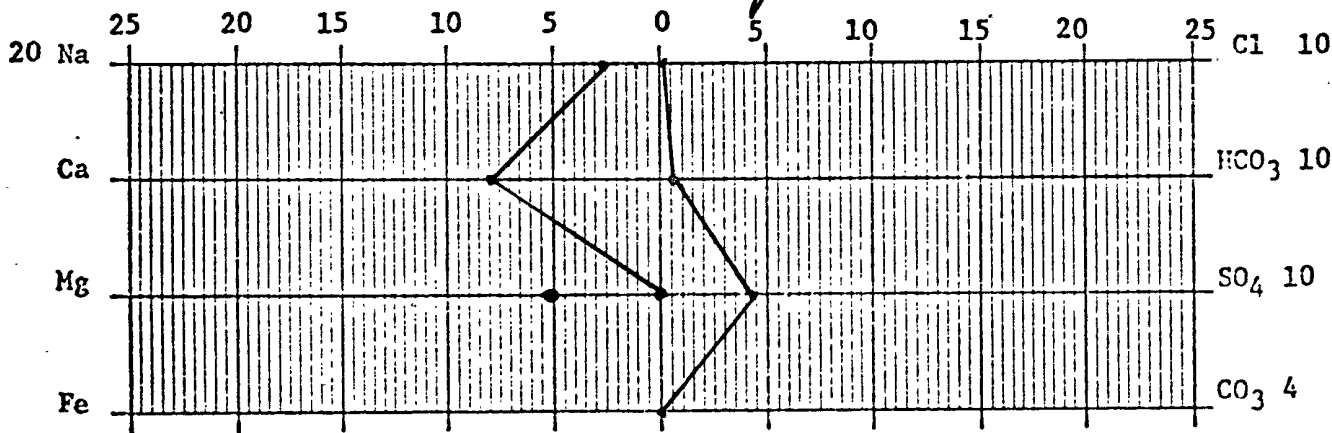
Total Solids Dissolved 3086

pH 7.7

Sp. Gr. 1.0037 at 60°F

Resistivity 320 ohm-cm at 71°F

Joe Barnett RZE
Chemist



Scale: epm

