

1032

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30-039-22616

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

Operator MERIDIAN OIL Location: Unit NW Sec. 30 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #59M

cps 168lw

Elevation 7582' Completion Date 11/12/82 Total Depth 360' 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. 180' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3500 lbs.

Depths anodes placed: 3210', 310', 300', 285', 275', 265', 245', 225', 215', 205'

Depths vent pipes placed: 355'

Vent pipe perforations: 200'

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 11-12-82

CPS #		Well Name, Line or Plant		Work Order #		Static:		Ins. Union Check	
1681W		SJ. 28-5 unit # 59M		57982-21-50-20-64		1104 6083		☒ Good ☐ Bad	
Location:		Anode Size:		Anode Type		Size Bit:			
NW-30-28-5		2" x 60"		Duriron		1 1/4" Carbide Tip Rock B.T 6 3/4" mill tooth			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
360		350'				Approx 3500			
Anode Depth									
# 1	320	# 2	310	# 3	300	# 4	285	# 5	275
# 6	265	# 7	245	# 8	225	# 9	215	# 10	205
Anode Output (Amps)									
# 1	2.8	# 2	2.8	# 3	2.8	# 4	2.5	# 5	2.7
# 6	3.6	# 7	2.1	# 8	2.4	# 9	3.7	# 10	2.8
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		No. 2 C.P. Cable Used	
Volts 11.6		Amps 14.2		Ohms .81		565'			

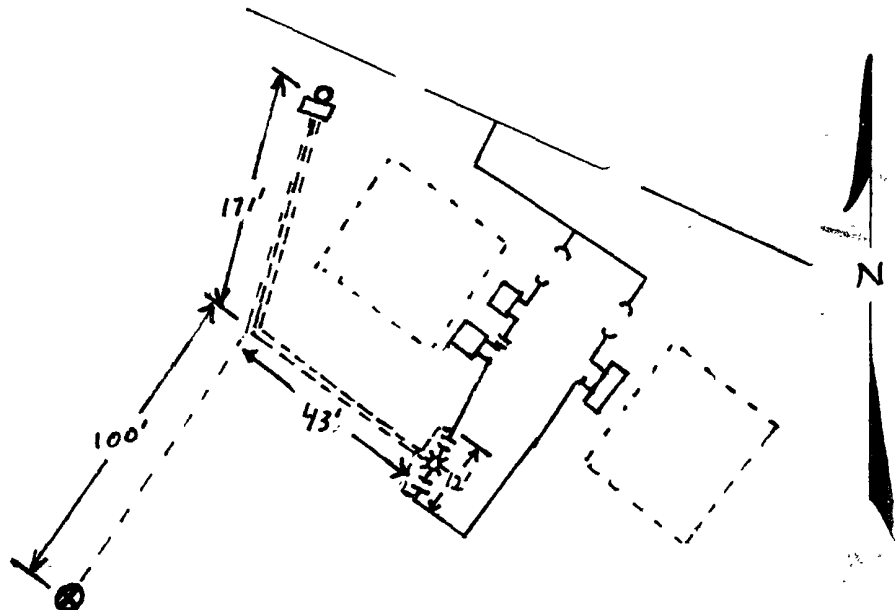
Remarks: Driller said water at 180' caught water sample. Drilled to 360'. Logged to 350' next A.M. installed 355' of vent pipe with 200' of perforations. Hole bridged 4 times while loading. Slurried approx 3500 lbs of bulk coke.

Rectifier Size: 40 V 16 A Purchased at EPN Warehouse
 Addn'l Depth: _____
 Depth Credit: 150'
 Extra Cable: 415'
 Ditch & 1 Cable: 326'
 25' Meter Pole: 1
 20' Meter Pole: —
 10' Stub Pole: —

All Construction Completed

Rohaj Balink
(Signature)

GROUND BED LAYOUT SKETCH



11-11 8 reg DSH
 11-12 8 reg 40t RJB

SAN JUAN 28-5 UNIT #59M

Static c/b 600'S = 1.10 x 230ma casing t

57982-21-50-20-64
UNIONS = OK

Drilled Sawdust
At 180' 1/10-82
Drilled 360' Logged
350' Inst 355' vent pipe
with 200' of perf.
hole bridged 4 times

$$\begin{array}{r} 100 \\ 171 \\ 43 \\ \hline 12 \\ 326 \end{array} \quad \begin{array}{r} 171 \\ 171 \\ 43 \\ 30 \\ \hline 415 \end{array}$$

150

Rec: 27

11-11-1

A13

11-13-82

8 Reg 207-

11-15-82

207

$$14.2 \text{ A at } 11.6 \text{ V} = .810 \text{ ohms}$$

① 320-1.5-2.8

② 310-1.2-2.8

③ $300 - 1.2 - 2.8$

④ $285 - 1.4 - 2.5$

⑤ 275-1.5-2.1

$$1.5 - 0.7 = 0.8$$

①	29	-1	-2
②	25	-1	-3

9715-20-37

025-16-2.8

$$\begin{array}{r} 0.25 \\ 0.25 \overline{) 0.625} \\ \underline{0.50} \\ 0.125 \\ 0.125 \overline{) 0.3125} \\ \underline{0.25} \\ 0.0625 \\ 0.0625 \overline{) 0.15625} \\ \underline{0.125} \\ 0.03125 \\ 0.03125 \overline{) 0.078125} \\ \underline{0.03125} \\ 0.046875 \end{array}$$

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

Analysis No. 1-10657 Date November 19, 1982
Operator EPNG Well Name San Juan 28-5 Unit #59M CPS 1681W
Location NW 30-28-5 County Rio Arriba State New Mexico
Field Blanco Formation _____
Sampled From 180 Feet

Date Sampled 11-13-82 By Robert Babnick

Tbg. Press. _____ Csg. _____ Surface Csg. Press. _____			
ppm	epm	ppm	epm
Sodium <u>247</u>	<u>10.8</u>	Chloride <u>40</u>	<u>1.1</u>
Calcium <u>0</u>	<u>0</u>	Bicarbonate <u>281</u>	<u>4.6</u>
Magnesium <u>7</u>	<u>0.6</u>	Sulfate <u>270</u>	<u>5.6</u>
Iron _____	_____	Carbonate <u>0</u>	<u>0</u>
H ₂ S _____	_____	Hydroxide <u>0</u>	<u>0</u>

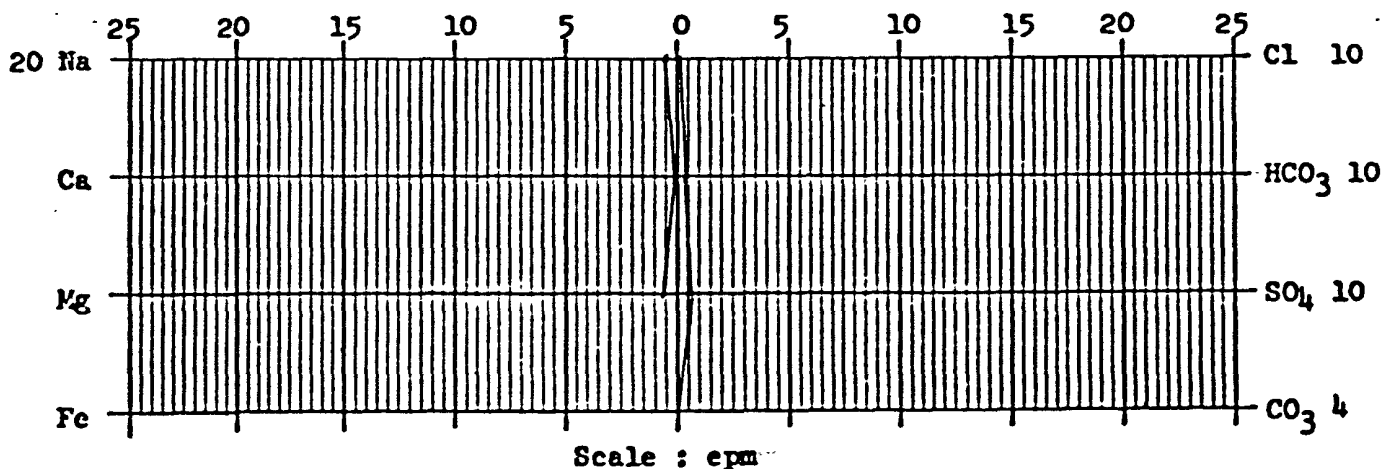
cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 940
pH 8.0
Sp. Gr. 0.9973 At 60°F
Resistivity 885 ohm-cm at 73°F

HCO₃ taken to pH 4.0

Dennis P. Bird
Chemist

RZE



CPS 1681 W

MORNING

DAYLIGHT

EVENING

[illegible]

Breuer Burge

Company Supervisor