

1350

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30-039-22613

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. 19 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 #57M

cps 1680w

Elevation 6518' Completion Date 8/31/83 Total Depth 520' 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' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 5100 lbs.

Depths anodes placed: 490', 480', 470', 460', 450', 440', 350', 330', 320', 310'

Depths vent pipes placed: 510'

Vent pipe perforations: 460'

Remarks: gb #1

RECEIVED
MAY 8 1984
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

DATE 8-31-83

Drilling Log (Attach Hereto) ☐

Completion Date 8-31-83

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1680-W	SS 28-5 #57M	184-57980-21	.89	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NW19-28-5	2"	DURIRON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
520'	510'		5100	
Anode Depth				
# 1 490	# 2 480	# 3 470	# 4 460	# 5 450
# 6 440	# 7 350	# 8 330	# 9 320	# 10 310
Anode Output (Amps)				
# 1 3.5	# 2 3.9	# 3 4.1	# 4 4.0	# 5 2.3
# 6 2.3	# 7 2.15	# 8 1.8	# 9 2.1	# 10 2.0
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 12.2	Amps 12.0	Ohms 1.00		

Remarks: DRILLER said hit water at 100'. Got water sample. Drilled to 520'. Bit plugged while making connection. Came out of hole and log. Installed 510' of 1" vent pipe, Perforated 460' of vent pipe. Slurried 5100 lbs. of coke breeze.

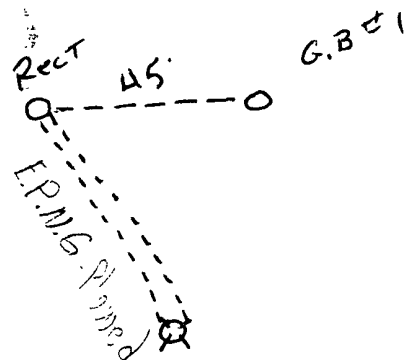
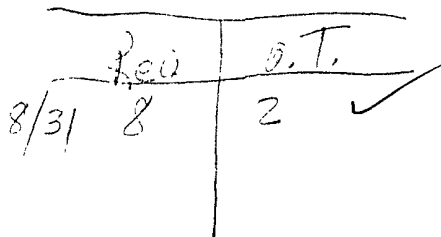
Rectifier Size: 40 V 1k A ✓
 Addn'l Depth 10' ✓
 Depth Credit: -
 Extra Cable: 5' ✓
 Ditch & 1 Cable: 45' ✓
 25' Meter Pole: -
 20' Meter Pole: -
 10' Stub Pole: 1 ✓

JUNCTION BOX 1

All Construction Completed

Willis Knight Jr.
 (Signature)

GROUND BED LAYOUT SKETCH



6518

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

Analysis No. 1-10922 Date November 15, 1983

Operator El Paso Natural Gas Well Name San Juan 28 5 #57M CPS 1680W

Location NW 19-28-5 County Sandoval State New Mexico

Field Blanco Formation

Sampled From 100 feet CPS 1680W

Date Sampled August 31, 1983 By Willis Knight

Tbg. Press. Csg. Surface Csg. Press.

	ppm	epm		ppm	epm
Sodium	<u>194</u>	<u>8.4</u>	Chloride	<u>20</u>	<u>0.6</u>

	ppm	epm		ppm	epm
Calcium	<u>24</u>	<u>1.2</u>	Bicarbonate	<u>366</u>	<u>6.0</u>

	ppm	epm		ppm	epm
Magnesium	<u>2</u>	<u>0.2</u>	Sulfate	<u>100</u>	<u>2.1</u>

	ppm	epm		ppm	epm
Iron	<u></u>	<u></u>	Carbonate	<u>36</u>	<u>1.2</u>

	ppm	epm		ppm	epm
H ₂ S	<u></u>	<u></u>	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 838

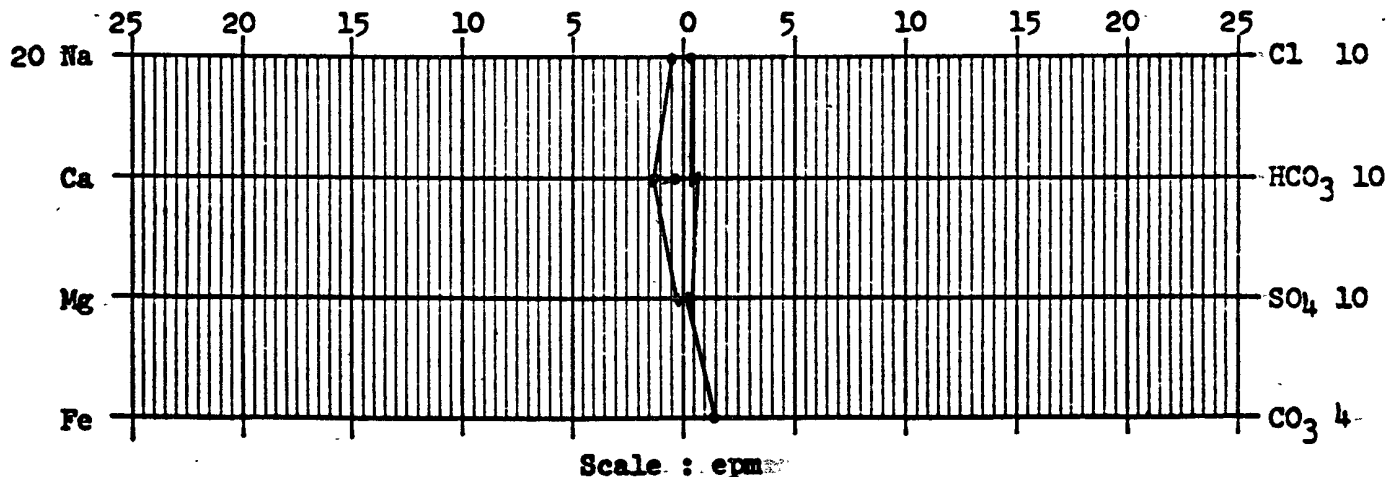
pH 8.5

Sp. Gr. .9976 At 60°F

Resistivity 833 ohm-cm at 76°F

Joe Barnett

Chemist GCK



DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Company Supervisor

Key Street