

1009

#22 30-039-07127^E

#204 30-039-20846

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. 8 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #22, #204

cps 1288w

Elevation 6481' Completion Date 8/28/78 Total Depth 500' 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. DAMP AT 110' WATER AT 270'

Depths gas encountered: N/A

Type & amount of coke breeze used: 64 SACKS

Depths anodes placed: 370', 360', 350', 340', 330', 320', 310', 300', 280', 155'

Depths vent pipes placed: 380'

Vent pipe perforations: 260'

Remarks: gb #1 HOLE BRIDGED ABOVE #10 ANODE. INSTALLED #11

RECEIVED
MAY 31 1991
OIL CON. DIV. 1
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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 8-28-78

Well Name S.J. 28-6 #22		Location NE8-27-6		CPS No. 1288W	
Type & Size Bit Used 6 3/4"				Work Order No. 52626-19	
Anode Hole Depth 500-460	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 370	#2 360	#3 350	#4 340	#5 330	#6 320
#7 310	#8 300	#9 290	#10 280		
Anode Output (Amps)					
#1 3.1	#2 2.8	#3 2.3	#4 2.8	#5 3.6	#6 3.7
#7 3.7	#8 3.4	#9 2.6	#10		
Anode Depth					
#11 155	#12	#13	#14	#15	#16
#17	#18	#19	#20		
Anode Output (Amps)					
#11 2.4	#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 11.8	Amps 14.1	Ohms 0.84			

Remarks: STATIC 600' SE - 0.81. DRILLER SAID DAMP @ 110' STARTED MAKING WATER @ 270'. PERFORATED 260' of 1" PVC VENT PIPE. INSTALLED 380' of 1" PVC VENT PIPE. SLURRIED 64 SACKS of COKE BREEZE 0-1/4". HOLE BRIDGED ABOVE #10 ANODE. INSTALLED #11 ANODE
40V 16 A Rectifier
Stub Pole
1 1/2" x 60" Duriron

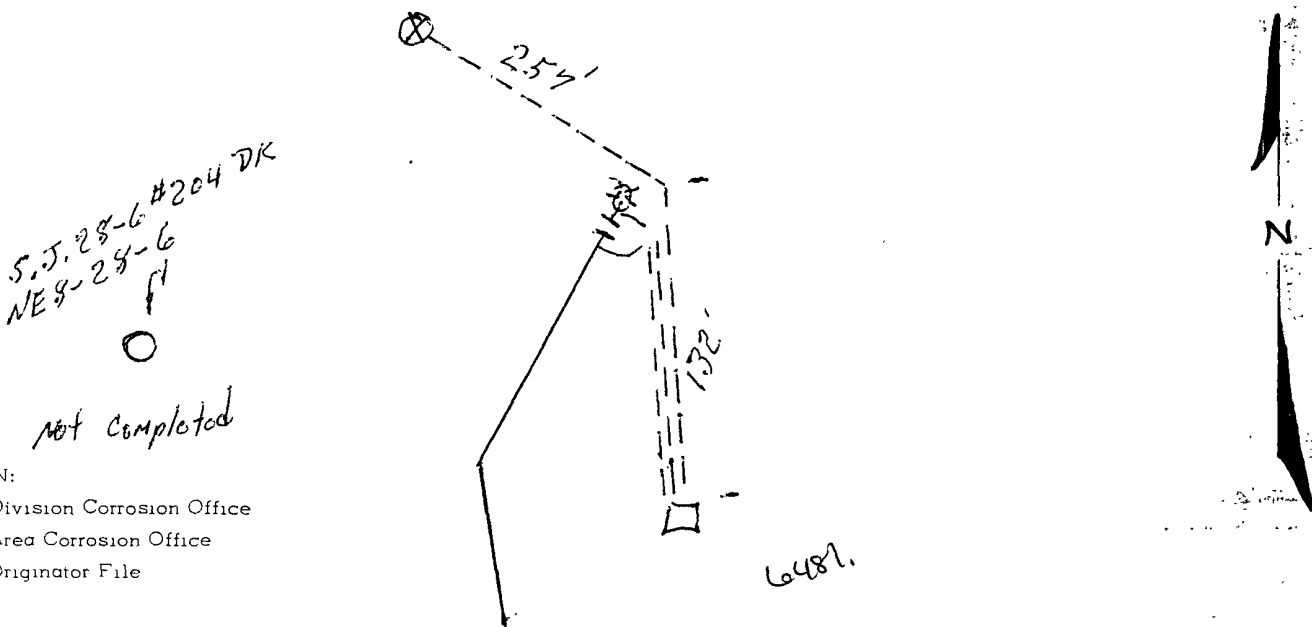
Hole Depth = - 40'
Ditch & 1 cable = 389'
EXTRA cable = 264'

All Construction Completed

W. Z. Smith

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

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

Analysis No. 1-9325 Date 9-15-78

Operator EPNG Well Name San Juan 28-6 #22

Location 8-27-6 County _____ State NM

Field _____ Formation ANODE BED

Sampled From 1288W WTR @ 270'

Date Sampled _____ By _____

Tbg. Press. _____ Csg. Press. _____ Surface Csg. Press. _____

ppm	epm	ppm	epm
Sodium <u>437</u>	<u>19</u>	Chloride <u>16</u>	<u>0.4</u>

Calcium <u>42</u>	<u>2</u>	Bicarbonate <u>278</u>	<u>5</u>
-------------------	----------	------------------------	----------

Magnesium <u>5</u>	<u>0.4</u>	Sulfate <u>750</u>	<u>16</u>
--------------------	------------	--------------------	-----------

Iron <u>PRESENT</u>		Carbonate <u>0</u>	<u>0</u>
---------------------	--	--------------------	----------

H ₂ S <u>ABSENT</u>		Hydroxide <u>0</u>	<u>0</u>
--------------------------------	--	--------------------	----------

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

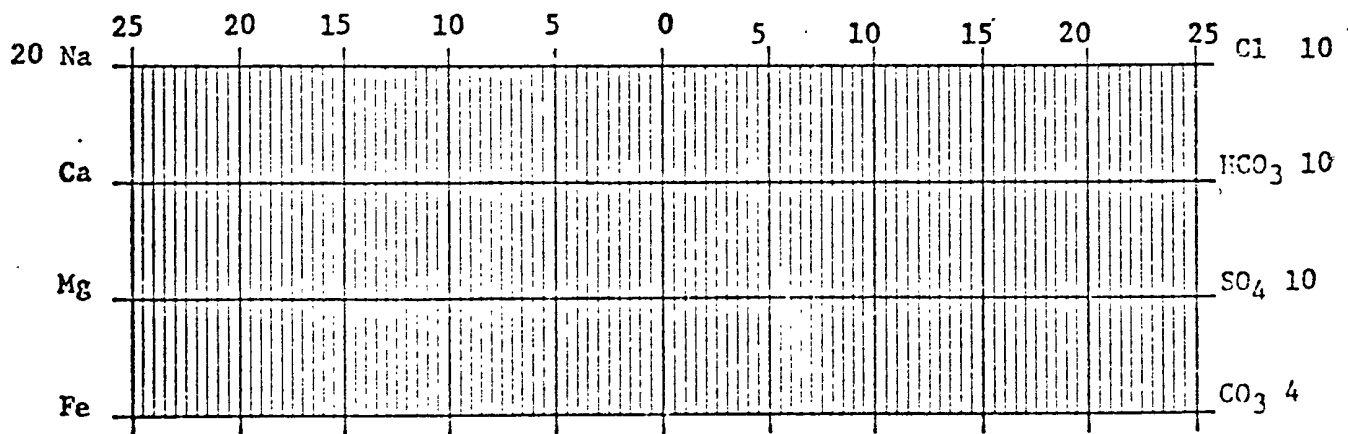
Total Solids Dissolved 1216

pH 8.2

Sp. Gr. 1.0026 at 60°F

Resistivity 680 ohm-cm at 72 °F

R. Z. Ellsberry
Chemist



Scale: epm

1972

EVENING

REMARKS -

- Company Supervisor