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63- 50-039-82360

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

Operator MERIDIAN OIL Location: Unit SW Sec. 8 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #63

cps 1698w

Elevation 6579' Completion Date 9/15/83 Total Depth 460' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf 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. 80' - 100' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 5000 lbs.Depths anodes placed: 415', 405', 395', 385', 330', 320', 295', 285', 275', 265'Depths vent pipes placed: 460'Vent pipe perforations: 380'Remarks: gb #1**RECEIVED**

MAY 31 1991

OIL CON. DIV.]

DISL 2

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 9-15-83

CPS #		Well Name, Line or Plant		Work Order #		Static		Ins. Union Check	
1698W		SAN JUAN 27-5 63		54070-19-50-20-64		LOD SE = .71		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
SW 8-27-5		2" x 60"		Duriron		6 3/4 Rock			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
460		453				5000			
Anode Depth									
# 1	415	# 2	405	# 3	395	# 4	385	# 5	330
# 6	320	# 7	295	# 8	285	# 9	275	# 10	265
Anode Output (Amps)									
# 1	2.11	# 2	2.95	# 3	3.30	# 4	2.90	# 5	2.97
# 6	3.60	# 7	2.51	# 8	3.12	# 9	4.6	# 10	3.11
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 12.9		Ohms .90					

Remarks: Driller said Damp at 80' Drilled to 180' WATER at 160' overnig.
 Cuttings show water zone from 80' to 100' Drilled to 460' Logged
 453 INST 460' OF vent pipe with 380 Ft OF perF. Slurried
 APPROX 50 SACKS OF COKE

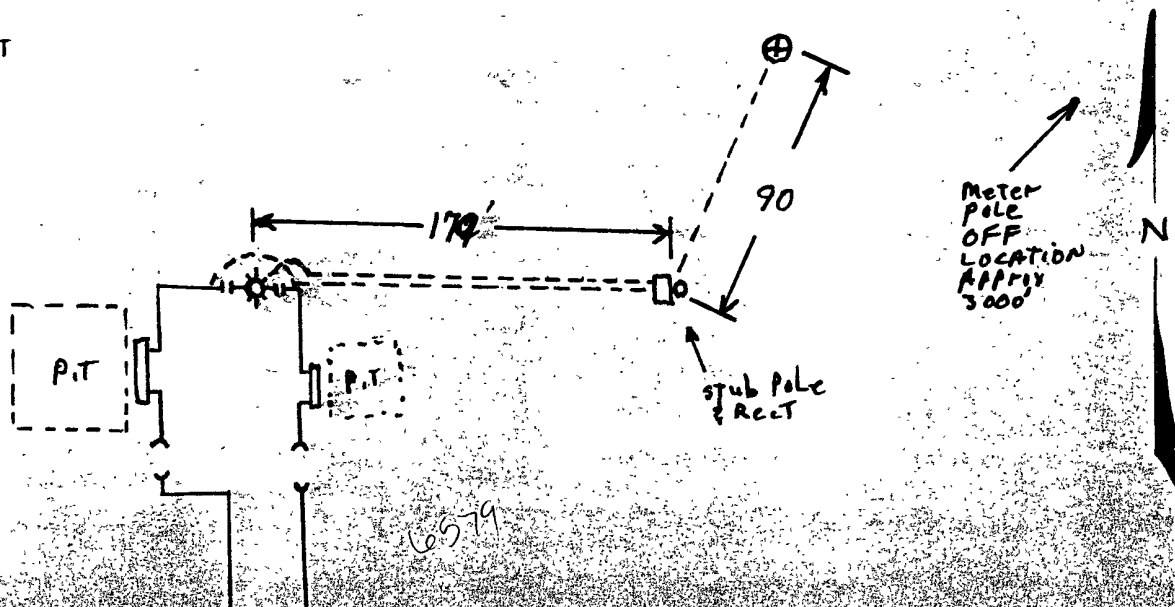
Rectifier Size: 40 V 16 A ✓
 Addn'l Depth _____
 Depth Credit: -47 ✓
 Extra Cable: 209 ✓
 Ditch & 1 Cable: 269 ✓
 25' Meter Pole: 1 (OFF Location) ✓
 20' Meter Pole: _____
 10' Stub Pole: 1 ✓

All Construction Completed

Robert J. Balnick
 (Signature)

GROUND BED LAYOUT SKETCH

hrs = 8 reg 2OT



San Juan 27-5 # 63

Sw 8-27-5 54070-19-50-20-64
STATIC 600' SE = .71 1314 MACAS -

ANION = OK

Page 1
Date 9-15-83
By RJB

10 hr

D-11- said damp at 80 FT
Drilled to 180 FT water at
160' over night from cuttings
believe water makes from
80' to 100' shale from 100 to
160' Drilled to 460' logged
453' INST 460' of vent
pipe with 380' of vent
5000 lbs coke

- ① 415 - 1.44 - 2.11
- ② 405 - 1.95 - 2.95
- ③ 395 - 1.95 - 3.30
- ④ 385 - 1.48 - 2.90
- ⑤ 350 - 1.81 - 2.97
- ⑥ 320 - 2.11 - 3.60
- ⑦ 295 - 1.44 - 2.51
- ⑧ 285 - 1.67 - 3.12
- ⑨ 275 - 2.49 - 4.16
- ⑩ 265 - 2.03 - 3.10

$$11.60 \text{ V } 12.90 \text{ A} = 90 \Omega$$

453

160	1.77	290	1.96	420	1.29 -
170	1.13	300	1.61	430	1.11
180	.93	310	.51	440	1.09
190	.71	320	2.10 - 1.00	450	.96
200	.47	330	1.74 - 2.30	460	.97
210	.55	340	.61		
220	.68	350	.43		
230	.83	360	.38		
240	.52	370	.38		
250	1.79	380	.34		
260	1.97	390	1.97 -		
270	2.04	400	1.96 -		
280	2.52	410	1.68 -		
290	1.62 - 8		1.40 - 1		

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

Analysis No. 1-10875 Date October 12, 1983
Operator El Paso Natural Gas Well Name San Juan 27-5 #63 CPS 1698W
Location SW 8-27-5 County Rio Arriba State New Mexico
Field Blanco Formation _____
Sampled From 160 feet

Date Sampled September 15, 1983 By Robert Babnick

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>79</u>	<u>3.4</u>	Chloride <u>20</u>
Calcium <u>0</u>	<u>0</u>	Bicarbonate <u>117</u>
Magnesium <u>0</u>	<u>0</u>	Sulfate <u>45</u>
Iron _____	_____	Carbonate <u>TRACE</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

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

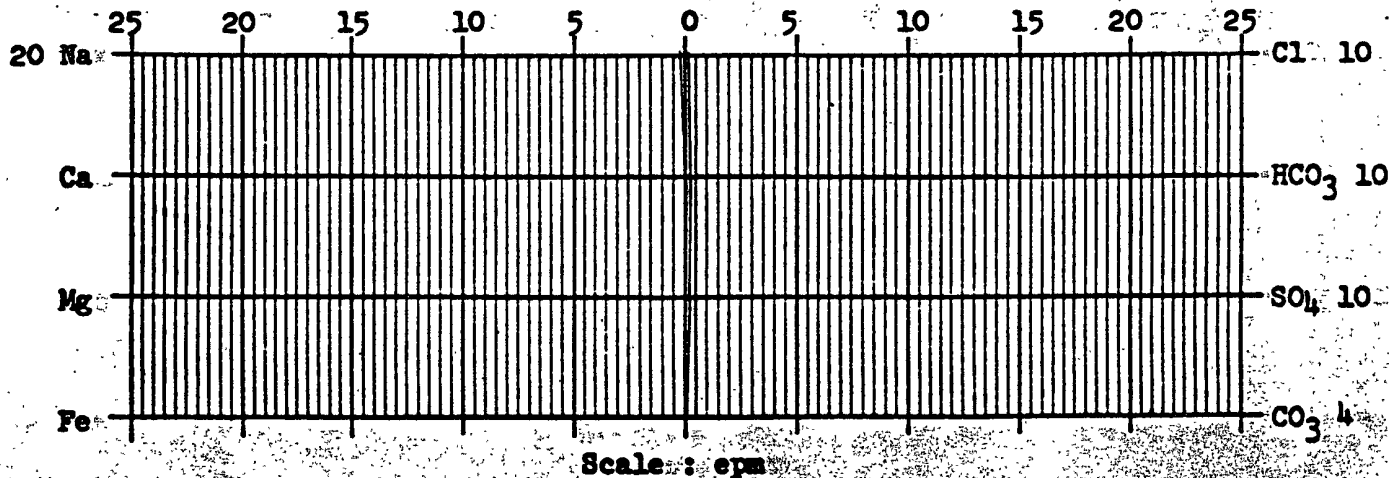
Total Solids Dissolved 312

pH 8.3

Sp. Gr. 0.9964 At 60°F

Resistivity 1613 ohm-cm at 74 °F

Dennis P. Bird GCK
Chemist



DAILY DRILLING REPORT

198

Robert B. Williams