

1397

30-039-21920

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

Operator MERIDIAN OIL Location: Unit SE Sec. 34 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #60A

cps 1617w

Elevation 6672' Completion Date 8/4/81 Total Depth 460' 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. 160' SAMPLE TAKEN

Depths gas encountered: N/A

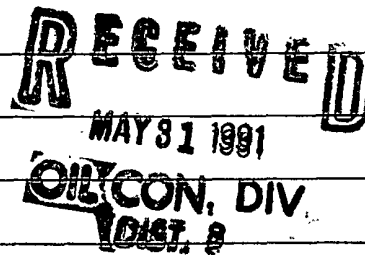
Type & amount of coke breeze used: 4500 lbs.

Depths anodes placed: 435', 425', 415', 405', 395', 385', 375', 365', 355', 345'

Depths vent pipes placed: 458'

Vent pipe perforations: 318'

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) ☐

2" x 60" ANODES

Completion Date 8-4-81

Well Name 85 29.7-#60A		Location SE 34-29.7		CPS No. 1617W	
Type & Size Bit Used 6 3/4				Work Order No. 57950-21	
Anode Hole Depth 460' logged 458'	Total Drilling Rig Time	Total Lbs. Coke Used 4500	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	435'	425'	415'	405'	395'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.20	3.10	2.80	2.60	2.70
Anode Depth	# 6	# 7	# 8	# 9	# 10
	385'	375'	365'	355'	345'
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	2.50	2.80	3.10	3.40	2.40
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 12.2		Amps 13.7		Ohms .90
No. 8 C.P. Cable Used					No. 2 C.P. Cable Used

Remarks: STATIC 600' SOUTH .82 Wellhead NOT SET
DRILLER said h.t. WATER AT 160'. MAKING APPROX 1/2 GPM.
Installed 458' at 1" VENT PIPE, PERFORATED 318' at VENT PIPE
Slurred 4500# of COKE Breeze

1 40V 16A Rect ✓

1 STUB Pole ✓

Ditch - 1 cable - NONE

EXTRA cable - NONE

Hole Depth - 42' ✓

EPNG will Plow

AC + DC cable

All Construction Completed

W. L. Wright Jr.
(Signature)

GROUND BED LAYOUT SKETCH

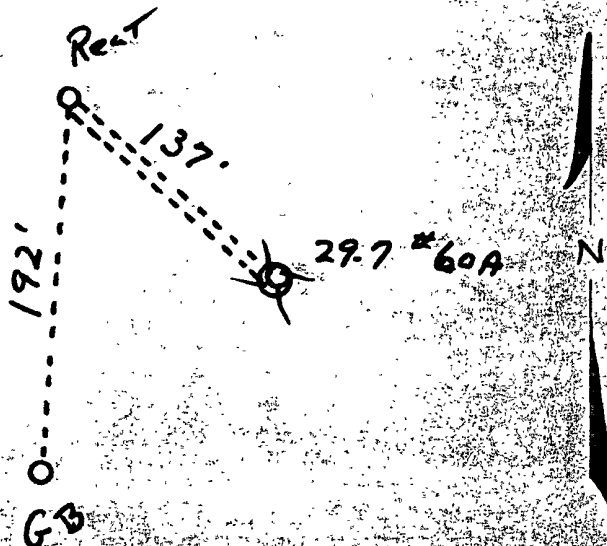
Time	Reg	OT
8-4-81	8	

DISTRIBUTION:

WHITE - Division Corrosion Office

YELLOW - Area Corrosion Office

PINK - Originator File



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 5
Date: 8-4-58
By: WK
File: _____

SS 29-7 #60A
SE 34-29-7
CPS-1617W

STATIC 600 S 182
W/O 57950-21

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

1 40V 16A RECT
1 STUB Pole
DITCH + 1 cable - NONE
EXTRA cable - NONE
Hole DEPTH - 42'

DRILLER Said HIT WATER AT
160' GOT SAMPLE MAKING
APPROX 1/2 GPM. INSTALLED 458'
of 1" VENT PIPE
PERFORATED 318' of VENT PIPE
SLURRIED 4500 lbs. COKE BREEZE

160	1.20	10	.70		
65	1.70	15	.70		
70	1.70	20	.70		
75	1.60	25	.70		
80	1.20	30	.70		
85	1.30	35	1.20		
90	1.10	40	1.20		
95	.90	45	1.20	⑩	
100	1.20	50	1.50		
05	1.50	55	1.50	⑨	
10	1.50	60	1.50		
15	1.00	65	1.40	⑧	
20	.70	70	1.30		
25	.60	75	1.40	⑦	
30	.50	80	1.20		
35	.50	85	1.30	⑥	
40	.50	90	1.30		
45	.40	95	1.20	⑤	
50	.40	100	1.30		
55	.40	05	1.30	④	
60	.50	10	1.50		
65	.60	15	1.40	③	
70	.70	20	1.40		
75	.60	25	1.60	②	
80	.60	30	1.50		
85	.60	35	1.60	①	
90	.40	40	1.60		
95	1.10	45	1.50		12.2 V
100	1.60	50	1.40		13.7 A
05	1.60	55	1.40		190 A
		60	TD		

①	435	2.00	3.20
②	425	1.90	3.10
③	415	1.90	2.80
④	405	1.50	2.60
⑤	395	1.60	2.70
⑥	385	1.60	2.50
⑦	375	1.60	2.80
⑧	365	1.90	3.10
⑨	355	2.00	3.40
⑩	345	1.60	2.40

logged 458'

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

Analysis No. 1-10351 Date 8-25-81

Operator El Paso Natural Gas Well Name S.J. 29-7 #60A - CPS #1617-W

Location SE 34-29-7 County Rio Arriba State New Mexico

Field Blanco Formation _____

Sampled From @ 160'

Date Sampled 8-4-81 By Willis Knight

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

	ppm	epm		ppm	epm
Sodium	<u>492</u>	<u>21.4</u>	Chloride	<u>24</u>	<u>0.7</u>

Calcium	<u>480</u>	<u>24.0</u>	Bicarbonate	<u>107</u>	<u>1.8</u>
---------	------------	-------------	-------------	------------	------------

Magnesium	<u>47</u>	<u>3.8</u>	Sulfate	<u>2,250</u>	<u>46.8</u>
-----------	-----------	------------	---------	--------------	-------------

Iron	<u>No test</u>		Carbonate	<u>0</u>	<u>0</u>
------	----------------	--	-----------	----------	----------

H ₂ S	<u>No test</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 3,996

pH 7.6

Sp. Gr. 1.0516 At 60°F

Resistivity 227 ohm-cm at 75°F

Dennis P. Bird - Joe P. Barnett
 Chemist RZE

