

1268 ✓ 30-039-21916 E

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. 20 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #49A

cps 155lw

Elevation 6867' Completion Date 8/19/80 Total Depth 660' 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 90', 120', 160', 300'

NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 60 SACKS

Depths anodes placed: 600', 590', 580', 570', 560', 550', 540', 530', 520', 510'

Depths vent pipes placed: 620'

Vent pipe perforations: 560'

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

8-18. 8 hr Reg 1.
8-19 8 hr Reg

Drilling Log (Attach Hereto). ☐

2X60 ANODES

Completion Date 8-19-80

Well Name ST 29-7 #49A		Location SE 20-29-7		CPS No. 1551-W	
Type & Size Bit Used 6 3/4				Work Order No. 57696-21	
Anode Hole Depth 660' 1099ed 620'	Total Drilling Rig Time	Total Lbs. Coke Used 60 sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 600'	# 2 590'	# 3 580'	# 4 570'	# 5 560'	# 6 550'
# 7 540'	# 8 530'	# 9 520'	# 10 510'		
Anode Output (Amps)					
# 1 2.6	# 2 2.1	# 3 2.4	# 4 2.7	# 5 3.2	# 6 2.6
# 7 2.9	# 8 2.4	# 9 3.0	# 10 2.9		
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					
Volts 12.2	Amps 13.9	Ohms .87			
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: ~~DR~~ STATIC 600' w-.89 UNION - ~~F/L~~ NOT 12.2
DRILLER said damp at 90', 120', 160', & 300'. did NOT get
WATER. Installed 620' of 1" VENT PIPE, PERFORATED 560' OF
VENT PIPE.

1 10' STUB Pole

1 40V 16A Rect

Ditch + 1 cable - 251'

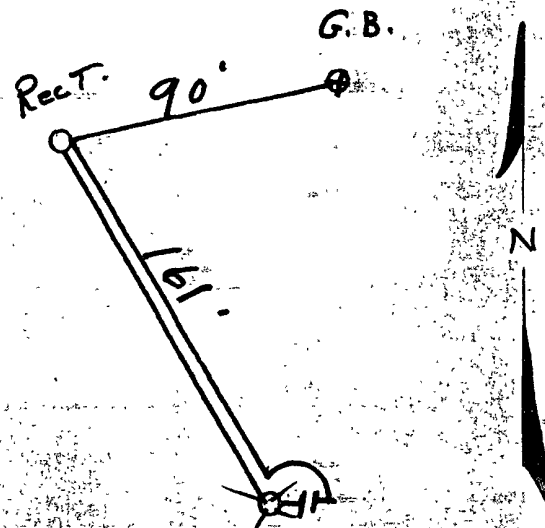
EXTRA cable - 191'

Hole Depth + 120' ✓

All Construction Completed

Willis L. Light Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6867

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 8-18-8
Date: 8-18-8
By: W.K.
File:

S. J 29-7th 49 A
SE 20-29-7
CPS 1551 W
W/D 57696-21

STATIC 600 W. .89
UNION - F/L NOT LAID

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

1 10' STUB PIPE
1 40V 16A RECT.
DITCH + 1 CABLE - 251'
EXTRA CABLE - 191'
Hole depth + 120'

DRILLER Said damp at 90,
120', 160' + 320' Did NOT get
ANY WATER INSTALLED 620'
of 1" VENT PIPE PERFORATED
560' of VENT PIPE. STURDY
60' SACKS of COKE BRICK

250	25	.8	600	1.4	①
55	30	.7	05	1.7	
60	35	.6	10	1.6	
65	40	.6	15	1.6	
70	45	.6	20	1.5	TD
75	50	.8	25		
80	55	.6	30		
85	60	.8	35		
90	65	1.3	40		
95	70	1.2	45		
300	75	1.6	50		
05	80	1.6	55		
10	85	1.6	60	Drilled	
15	90	1.7	65		
20	95	1.5			
25	500	1.5			
30	05	1.5			
35	10	1.8	⑩		
40	15	1.8			
45	20	1.7	⑦		
50	25	1.5	① 600	1.7	2.6
55	30	1.5	② 590	1.5	2.1
60	35	1.7	③ 580	1.7	2.4
65	40	1.6	④ 570	2.0	2.7
70	45	1.6	⑤ 560	2.2	3.2
75	50	1.7	⑥ 550	1.9	2.6
80	55	1.8	⑦ 540	2.1	2.9
85	60	1.8	⑧ 530	1.7	2.4
90	65	1.7	⑨ 520	2.1	3.0
95	70	1.5	⑩ 510	2.0	2.9
400	75	1.5			
05	80	1.4			
10	85	1.3			
15	90	1.3			
20	95	1.3			

12.2 V 13.9 A .87 n

