

F

943 #1 30-039-07426

#128 30-039-20068

#223 30-039-22761

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. 17 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #1, #128, #223,

#441

cps 1156w

Elevation 6782' Completion Date 7/6/77 Total Depth 400' 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'

Depths gas encountered: N/A

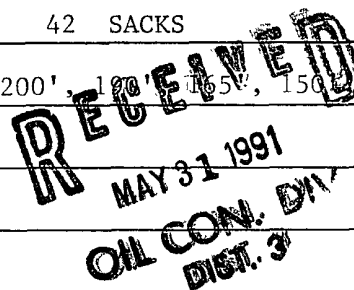
Type & amount of coke breeze used: 42 SACKS

Depths anodes placed: 275', 265', 255', 245', 200', 180', 165', 150', 135', '125'

Depths vent pipes placed: 280'

Vent pipe perforations: 200'

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

HAD 9/12

Drilling Log (Attach Hereto). ☐ *27341*

Completion Date *7/6/77*

Well Name <i>S.J. 28-6 #1</i>		Location <i>NE 17-28-6</i>		CPS No. <i>1156W</i>	
Type & Size Bit Used <i>6 3/4"</i>				Work Order No. <i>40042.19</i>	
Anode Hole Depth <i>400' - T.D. 325'</i>		Total Drilling Rig Time		Total Lbs. Ccke Used <i>42 SACKS</i>	
Anode Depth		Lost Circulation Mat'l Used		No. Sacks Mud Used	
# 1 <i>275'</i>	# 2 <i>265'</i>	# 3 <i>255'</i>	# 4 <i>245'</i>	# 5 <i>200'</i>	# 6 <i>190'</i>
# 7 <i>165'</i>	# 8 <i>150'</i>	# 9 <i>135'</i>	# 10 <i>125'</i>		
Anode Output (Amps)					
# 1 <i>3.0</i>	# 2 <i>5.1</i>	# 3 <i>4.9</i>	# 4 <i>4.3</i>	# 5 <i>3.4</i>	# 6 <i>3.7</i>
# 7 <i>3.2</i>	# 8 <i>4.4</i>	# 9 <i>3.2</i>	# 10 <i>5.3</i>		
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	
Volts <i>11.9V</i>		Amps <i>16.0A</i>		Ohms <i>.74</i>	
				No. 2 C.P. Cable Used	

Remarks: *STATIC ON 28-6 #1, 600' N. = 0.92V*

STATIC ON 28-6 #128, 600' W. = 0.90V

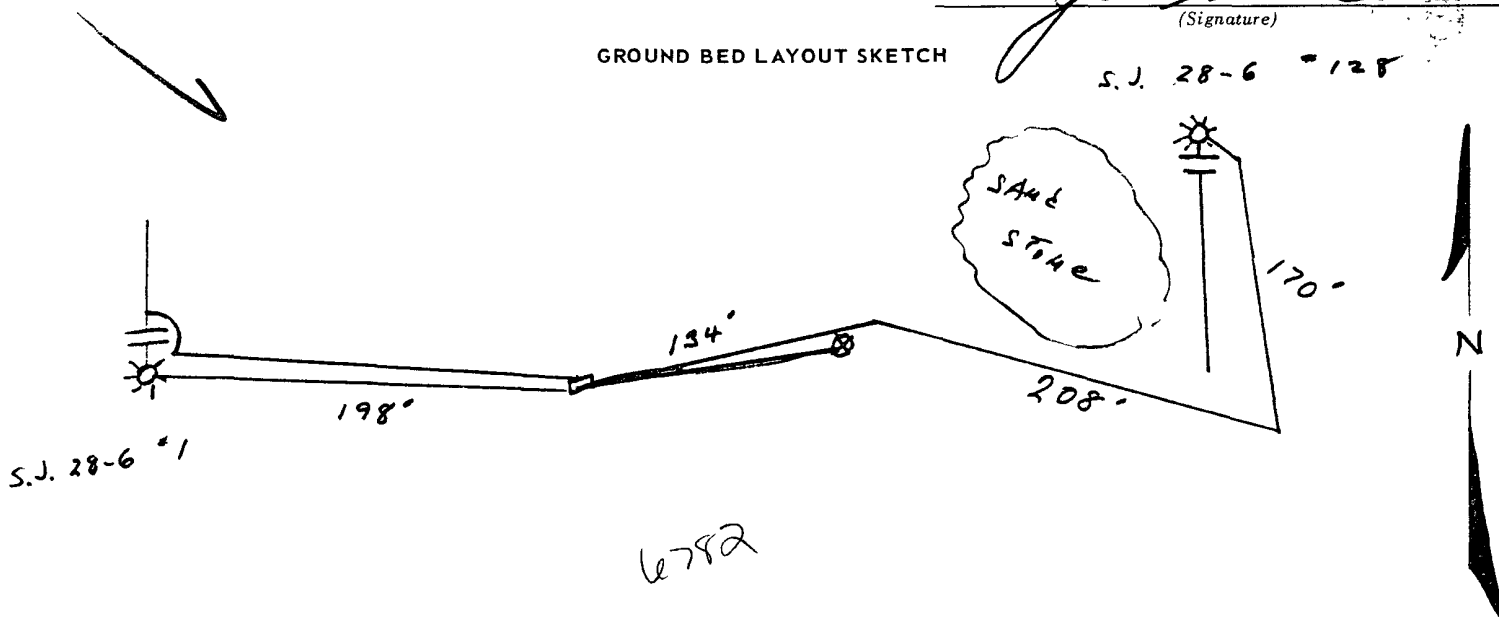
Driller said moisture AT 40', Drilled 220', WATER STANDING in Hole NEXT AM. AT 100'. Drilled To 400', Logged Hole. Logging ANODE STOPPED AT 325'. INSTALLED 280' of 1" P.V.C. VENT pipe. Perforated 200'.

METER POLE + 60V-30A RECT.

All Construction Completed

JE Halls
(Signature)
S.J. 28-6 #128

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet 3 of 3

Date:

By:

File:

CPS - 1156 W

S.J. - 28-6

1

W.O. #

40042

S.J. - 28-6 #128

#54521

N.E. 17-28-6

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 17.48
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

100 -	10 - .8	Drilled To 220'
10 -	1.3	Water next A.M. at 100'
20 - 1.3	1.7	Driller said moisture at
20 - 2.2	30 - .5	280' 1" P.V.C. VENT
2.3 -	40 - .6	200 perforated
30 - 2.1	40 - .3	
1.8 -	50 - .6	
40 - 1.1	50 - 1.4	
1.6 -	60 - 1.2	
50 - 2.0	60 - 1.3	
1.8 -	70 - 2.0	375' T.D.
60 - 1.2	70 -	
1.8 -	80 -	
70 - .7	80 -	
.7 -	90 -	
80 - .6	90 -	
.8 -	400 - Hole Depth.	1/6/77
90 - 1.6		
1.9 -		
200 - 1.7		
1.1 -		
10 - .8		
.6 -	1 - 275' - 2.1 - 3.0	
20 - .6	2 - 265' - 3.5 - 5.1	
.5 -	3 - 255' - 3.3 - 4.9	
30 - .6	4 - 245' - 2.9 - 4.3	
.7 -	5 - 200' - 2.5 - 3.4	
40 - 1.2	6 - 190' - 2.6 - 3.7	
1.8 -	7 - 165' - 2.2 - 3.2	
50 - 2.0	8 - 150' - 3.0 - 4.4	
2.1 -	9 - 135' - 2.2 - 3.2	
60 - 2.3	10 - 125' - 2.3 - 5.3	
2.3 -		
70 - 1.8		
1.6 -		
80 - 1.4		
.8 -		
90 - .6		
.5 -		
300 - .3		
305 - .6		

16.0 A = .74 Ω
11.9 V

