

1247

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30-039-21869

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. 14 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #5A

cps 1500w

Elevation 6410' Completion Date 7/14/80 Total Depth 280' 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. 60'

Depths gas encountered: N/A

Type & amount of coke breeze used: 31 SACKS

Depths anodes placed: 210', 200', 190', 125', 117', 109', 101', 93', 85', 75'

Depths vent pipes placed: 265'

Vent pipe perforations: 240'

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

Drilling Log (Attach Hereto) ☐

Completion Date 7/14/80

Well Name <u>S.I. 28-6 * 5A</u>		Location <u>SE 14-28-6</u>		CPS No. <u>1500 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57547-21</u>	
Anode Hole Depth <u>280' T.D. 265'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>31 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>210'</u>	# 2 <u>200'</u>	# 3 <u>190'</u>	# 4 <u>125'</u>	# 5 <u>117'</u>	# 6 <u>109'</u>
# 7 <u>101'</u>	# 8 <u>93'</u>	# 9 <u>85'</u>	# 10 <u>75'</u>		
Anode Output (Amps)					
# 1 <u>3.5</u>	# 2 <u>3.7</u>	# 3 <u>2.5</u>	# 4 <u>4.7</u>	# 5 <u>4.5</u>	# 6 <u>4.4</u>
# 7 <u>3.7</u>	# 8 <u>3.4</u>	# 9 <u>4.2</u>	# 10 <u>2.8</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts <u>11.9</u>	Amps <u>15.7</u>	Ohms <u>.76</u>	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

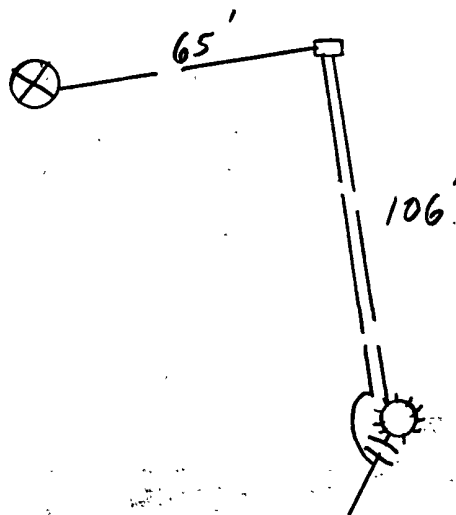
Remarks: COULD NOT RUN STATIC, INSULATED FLANGE IS SHOTED
DRILLER SAID WATER AT 60'. APPROX. 20 GAL./MIN. TOOK WATER SAMPLE.
DRILLED TO 280'. LOGGED 265'. INSTALLED 265' OF 1" P.V.C. VENT PIPE.
PERFORATED 240'.

All Construction Completed

JE Sotter
(Signature)

GROUND BED LAYOUT SKETCH

8 Hr. Reg.
2 Hr. O.T.



ditch & cable = 171'
 extra cable = 126'
 20' meter Loop pole
 40V 16A RECT.
 Hole Depth - 235'

Jct. Box, Rect., Pole
 and cable NOT
 INSTALLED ON LOCATION

DISTRIBUTION:

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

6410

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

S.J. 28-6 #5A

C.P.I. #1500 W
SE 14-28-6

W.O. 57547-21

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

60-
70- .3
1.5 - ⑩
80- 1.5 - ⑨
2.0 - ⑧
90- 1.8
1.3 - ⑦
100- 1.5 - ⑥
1.8 - ⑤
10- 1.9 - ④
1.9 - ③
20- 1.8
1.8 - ②
30- 1.0
.7
40- .3
.3
50- .3
.3
60- .3
.5
70- .5
.5
80- .5
.7
90- 1.3 - ③
1.2
200- 1.8 - ②
2.0 -
10- 1.6 - ①
1.5 -
20- 1.0
1.9
30- .8
.8
40- .7
.6
50- .6
.7

260- .8
265 T.D.
70-

80-

Driller said Hit Water AT
60'. Approx. 20 gal/min. Took
water sample. Drilled To 280'.
Logged 265', Installed 265'
of 1" P.V.C. Vent Pipe
Perforated 240'. No Water
Sample, then ran over
Bucket.

$$11.9 \times 15.7A = .76 \Omega$$

7/14/80

JR

1-210-1.8-3.5
2-200-1.8-3.7
3-190-1.3-2.5
4-125-2.2-4.7
5-117-1.9-4.5
6-109-2.3-4.4
7-101-1.7-3.7
8-93-1.8-3.4
9-85-2.5-4.2
10-75-1.8-2.8

