

4987

30-039-21730

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

Operator MERIDIAN OIL Location: Unit NW Sec. 17 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #14A

cps 1374w

Elevation 6741' Completion Date 8/29/79 Total Depth 420' 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. 103'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4200 lbs.

Depths anodes placed: 380', 370', 360', 350', 340', 330', 300', 250', 240', 225'

Depths vent pipes placed: 400'

Vent pipe perforations: 320'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON

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

CONTRACT 2

Drilling Log (Attach Hereto). ☐

Completion Date 8-29-79

Well Name ST 28-6#14A		Location NW 17-28-6		CPS No. 1374W	
Type & Size Bit Used 6 3/4"		2" x 60" Duriron		Work Order No. 57385.21	
Anode Hole Depth 420-410 TO	Total Drilling Rig Time	Total Lbs. Coke Used 4200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 380	# 2 370	# 3 360	# 4 350	# 5 340	# 6 330
# 7 320	# 8 250	# 9 240	# 10 225		
Anode Output (Amps)					
# 1 4.3	# 2 4.3	# 3 2.5	# 4 3.8	# 5 3.8	# 6 4.2
# 7 2.3	# 8 2.8	# 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			No. 8 C.P. Cable Used		
Volts 11.7 Amps 14.8 Ohms .7			No. 2 C.P. Cable Used		

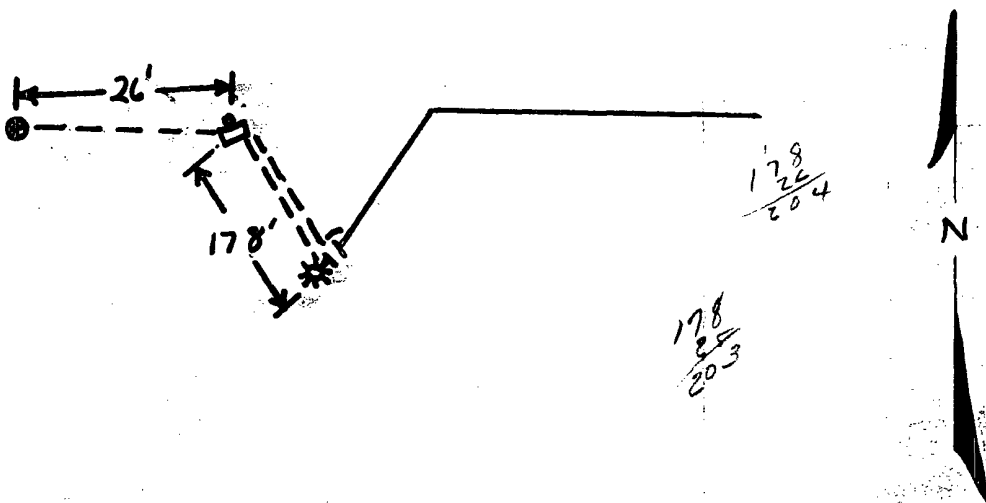
Remarks: ST 28-6#14A WATER AT 103 FT DRILLED 420' LOGGED
410 FT TOTAL WATER APPROX 36 P.M., INSTALLED 400'
OF VENT PIPE WITH 320' PERFORATED & SLURRIED
42 SACKS OF COKE.

Hole depth = -90
 20 FT METER Loop Pole
 400 16A RECT
 Ditch + cable = 204
 EXTRA cable = 203

All Construction Completed

Robert J. Balink
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6741

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 8-29-79
By: JJB
File: 1374W
NW17-28-

1374W NW17-28-6

S528-6#14A st%SE = .84 57385.21

8-29-79 10hrs

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

WATER AT 103' DRILLED
420' Logged 410' APPROX 36P.
INSTALLED 400' vent pipe
320' PERFORATED
SLURRIED 42 SACKS

100	1.4	300	1.1 - 7
5	1.1	5	1.3
10	.8	10	1.7 - 6
5	.6	5	1.7
20	.4	20	1.5 - 5
5	.5	5	1.6
30	.6	30	1.4 - 4
5	1.5	5	1.4
40	1.1	40	1.3 - 3
5	1.6	5	1.0
50	1.2	50	.8
5	1.0	5	.8
60	.9	60	1.0
5	.8	5	1.3
70	.2	70	1.9 - 2
5	.2	5	1.8
80	.4	80	1.8 - 1
5	.9	5	1.6
90	1.6	90	1.7
5	1.8	5	1.5
200	2.0	400	1.3

Hole depth = -90
20 FT meter loop
400 IGA Rect
Ditch + cable = 204'
EXTRA CABLE = 203'
(includes 25 FT hookup wire)

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

5	1.9	5	
10	1.6	10	-
5	1.4	5	
20	1.4	20	
5	1.4 - 10		
30	1.0		
5	1.2		
40	1.3 - 9		
5	1.4		
50	1.2 - 8		
5	.8		
60	.8		
5	.4		
70	.2		
5	.2		
80	.3		
5	.5		
90	.5		
5	1.0		

①	380	- 2.4	- 4.3
②	370	- 2.6	- 4.3
③	340	- 1.7	- 2.5
④	330	- 2.0	- 3.8
⑤	320	- 2.1	- 3.8
⑥	310	- 2.4	- 4.2
⑦	300	- 1.3	- 2.3
⑧	250	- 1.7	- 2.8
⑨	240	- 1.7	- 3.0
⑩	225	- 1.8	- 2.9

11.7V 14.8A = .7 ohms

178
26

204

203

Contract # 2
CTOR
Briant
DRILLIN

LEASE	WELL NO.	CONTRACTOR	RIG NO.	REPORT NO.	DATE
		O'Brien	1	8-29	1979

SIGNED: Toolpusher O'Brien Company Supervisor _____