

5017

30-045-22711

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 29 Rng 8

Name of Well/Wells or Pipeline Serviced Day #1A

cps 1328w

Elevation 6396 Completion Date 5/4/79 Total Depth N/A 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. WATER OVERNIGHT AT 455'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 630', 620', 610', 600', 590', 575', 560', 540', 525', 515'

Depths vent pipes placed: 660'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. R

DIST.

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). ☐

CONTRACT #1
(1 1/2" X 60" DUKION)

Completion Date 5/4/79

Well Name DAY #1A		Location NW 17-29-8		CPS No. 1328 W	
Type & Size Bit Used DAY #6 6 3/4"				Work Order No. 57270-21 54852-19	
Anode Hole Depth 680' T.D. 660'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 630'	#2 620'	#3 610'	#4 600'	#5 590'	#6 575'
#7 560'	#8 540'	#9 525'	#10 515'		
Anode Output (Amps)					
#1 1.6	#2 1.2	#3 2.0	#4 2.4	#5 2.4	#6 1.2
#7 1.2	#8 1.2	#9 2.3	#10 2.5		
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		No. 2 C.P. Cable Used	
Volts 11.2 V	Amps 9.8 A	Ohms 1.1 Ω			

Remarks: STATIC ON DAY #1A 600' E = .88V. STARTED INS AT 380'. DRILLED TO 500' WITH 4 3/4" BIT. WATER STANDING IN HOLE NEXT A.M. AT 455'. DRILLED TO 680'. LOGGED 660'. INSTALLED 660' OF 1" P.V.C. VENT PIPE, PERFORATED 300'.

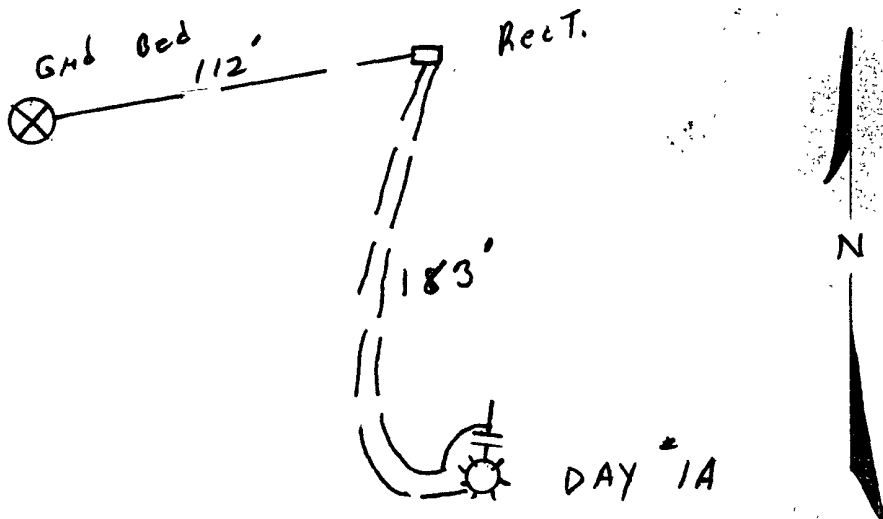
Ditch + 1 cable = 295'
extra cable = 208'
Hole Depth = +160'

Stub Pole + 40V 16A RECT.

All Construction Completed

(Signature)
(Signature)

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

DAY ²1 APAY ²6

NW 17-29-8

W.O. 57270-21

W.O. 54852-19

CPS 1328 W

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

450 - .7

455 - .7

60 - .8

70 - .9

80 - .8

80 - .8

80 - .8

90 - 1.0

100 - 1.0

500 - 1.0

10 - 1.0

10 - 1.0

20 - 1.2 - ⑩

20 - 1.4

30 - 1.4 - ⑨

30 - 1.1

40 - 1.1

40 - 1.1 - ⑧

50 - 1.0

60 - 1.0

60 - 1.0 - ⑦

70 - 1.0

80 - 1.0 - ⑥

80 - 1.0

90 - 1.1

90 - 1.4 - ⑤

600 - 1.4

600 - 1.5 - ④

10 - 1.5

10 - 1.4 - ③

20 - 1.3

20 - 1.1 - ②

30 - 1.1

30 - 1.2 - ①

40 - 1.1

40 - 1.1

50 - 1.1

50 - 1.0

60 - T.D

70 -

80 - Drilled To

STARTED INJ. AT 380'
 Drilled To 500' with 4 3/4"
 BIT. WATER STANDING IN
 hole NEXT A.M. AT 455'.
 Drilled To 680' T.D. 660'
 INSTALLED 660' of 1"
 P.V.C VENT PIPE
 Perforated 300'.

11.2 v. 9.8A. = 1.12
 5/4/79
 JL

1 - 630 - 1.2 - 1.6
2 - 620 - 1.2 - 1.7
3 - 610 - 1.6 - 2.0
4 - 600 - 1.8 - 2.4
5 - 590 - 1.7 - 2.4
6 - 575 - .9 - 1.2
7 - 560 - .8 - 1.2
8 - 540 - .9 - 1.2
9 - 525 - 1.2 - 2.3
10 - 515 - 1.1 - 2.5

H.N.
 8 Pgs.

2 In. O.T.
 103.95
 26.00
 129.95

SAN JUAN DIVISION LABORATORY

ANALYSIS NO. 1-9230

DATE COMPLETED 7-6-78

WELL NAME	LOCATION S T R	DATE SECURED	GAL./ DAY	PPM T.D.S.	pH	PPM CHLORIDES	PPM SULFAT
Jones A #1A MV	10-28-8	6-20	24	7452	7.0	4320	7840
Jones A #1A PC	10-28-8	6-20	1	39	6.8	13	1000
Lughes #4A 1345W	20-29-8	6-20	54	6858	7.2	4830	1280
Day A #5A 1332W	18-29-8	6-20	38	7632	7.1	6320	2500
Day #1A 1328W	17-29-8	6-20	80	6670	7.4	6390	500
Day A #1A 1330W	17-29-8	6-20	106	7527	7.4	7170	1000
Day #3A 1329W	18-29-8	6-20	42	6913	6.7	7170	1000
Day A #2A	7-29-8	6-20	96	5887	7.6	6320	64
El Paso #1A	20-29-9	6-17	8	9493	6.8	6745	7080
Ansfield #2A 1241W	19-30-9	6-19		1019	7.3	24	1520
Wigley #1A 1275W	6-30-9	6-19		430	7.1	20	600
Lorance #2A 1220W	21-30-9	6-19		1373	7.3	16	2520
San Juan #11A 1252W	11-30-10	6-19		636	6.4	24	800
Un Ray A #1A 1263W	15-30-10	6-19		210	6.2	8	600
Atlantic D Com #5A 1209W	12-30-10	6-19		1493	6.6	16	3000
Bernaghan #4A 1237W	30-31-8	6-19		432	7.3	12	600
Bernaghan #2A 1235W	28-31-8	6-19		190	7.2	16	680
Bernaghan #1A 1234W	33-31-8	6-19		571	6.9	32	800
Walker 1A 1271W	31-31-9	6-19		1664	7.0	32	3520
Atlantic A #8A 1199W	29-31-10	6-19		2637	7.1	152	5560
Atlantic "C" 4A 1200W	31-31-10	6-19		6720	7.7	504	9800
Cott #4A 1258W	17-31-10	6-19		4506	7.0	186	7760
Brookhaven Com A-1 1212W	16-31-10	6-19		3979	6.7	270	6920