1246

E

30-039-21874

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 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #44A

cps 1501w

Elevation 6506' Completion Date 7/7/80 Total Depth 540' 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 100' WATER AT 280' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 58 SACKS

Depths anodes placed: 490', 470', 460', 450', 440', 430', 420', 410', 400', 390'

Depths vent pipes placed: 540'

Vent pipe perforations: 280'

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐ 2"x60" Duriron Completion Date 7-7-80

Well Name	Location	CPS No.
S.J. 28-6 #44A	SE 20-28-6	1501 W

Type & Size Bit Used	Work Order No.
6 3/4	57548.21

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
540 Logged 535				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	490	470	460	450	440	430	420	410	400	390
Anode Output (Amps)	2.9	3.3	3.0	3.6	3.5	4.3	4.0	3.5	3.4	3.6
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)										

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.8	Amps 16.6	Ohms .71		

Remarks: STATIC 6/3 600'W=.86 INS. UNION-good Driller said DAMP AT 100' WATER AT 280'-caught water sample 7-3-80 would not settle caught second water sample 7-7-80 (AM) before he started injection. Drill to 540' Logged 535 FT. INST 540 FT vent pipe with 280' perforated. Slurried 58 sacks of coke.

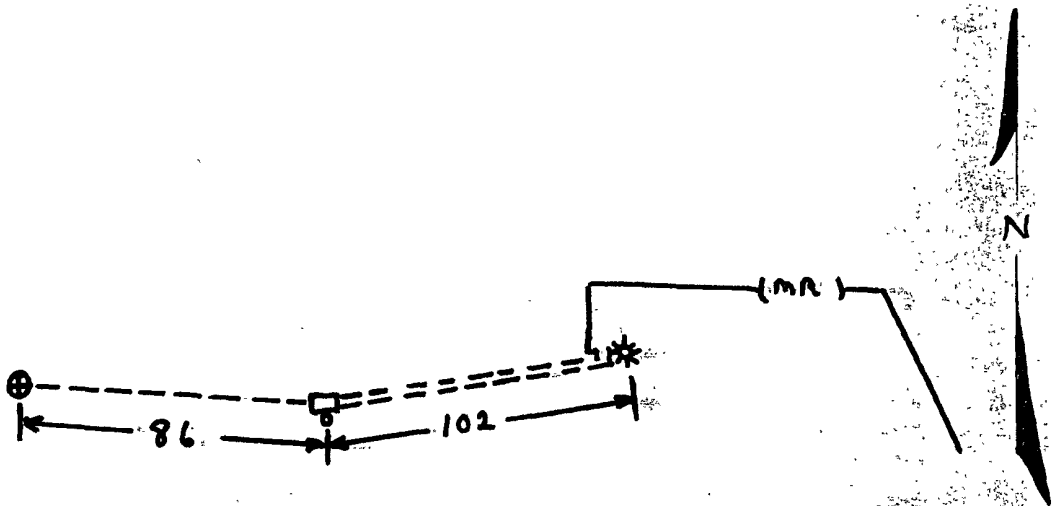
10' STUB Pole
40V 16A Rect
Jct Box
Ditch & cable = 188
EXTRA cable = 122
Hole depth = +35

time	Reg	O.T.
7-3-80	8	1 we
7-7-80	8	2 es

All Construction Completed

Robert J. Belnick
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:
WHITE – Division Corrosion Office
YELLOW – Area Corrosion Office
PINK – Originator File

Less

Form 7-1 (Rev 9-77)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 7-7-80
By: RJB
File: 1501-W

SJ 28-6 #44A
SE 20-28-6
CPS 1501 W
W/O 5754-8-21

STATIC 600'W = .86
INSULATED UNION = OK

WK
7-3-80 9 HR
7-7-80 10 HRS RJB

172 NEG
80 POS

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_2S	5 17
28.01	N_2	4.16
2 02	H_2	3.38

DRILLER SAID DAMP AT 100'
HIT WATER 280' GOT WATER
SAMPLE DID NOT SETTLE CAUGHT
2ND WATER SAMPLE 7-7-80
DRILLED TO 540 FT LOGGED 535 FT
INST 540 FT VENT PIPE
280 FT PERFORATED
SLURRIED - SACKS OF COKE

280	.88	480	1.37
	.87		2.10
90	.82	90	1.84 – 1
	1.88		1.43
300	1.97	500	1.23
	1.89		1.28
10	1.63	10	2.00
	1.56		2.29
20	2.01	20	1.38
	2.10		1.36
30	2.11	30	
	2.15		– Logged
40	2.27	40	
	2.02		
50	1.95		
	2.24		
60	2.33		
	2.14		
70	2.41		
	2.20		
80	2.27		
	2.34		
90	2.28 – 10		
	2.09		
400	2.43 – 9		
	2.17		
10	2.16 – 8		
	2.43		
20	2.42 – 7		
	2.62		
30	2.40 – 6		
	2.28		
40	2.30 – 5		
	2.24		
50	1.94 – 4		
	1.63		
60	1.76 – 3		
	2.05		
70	2.23 – 2		
	1.54		

1	490	1.86	2.90
2	470	2.18	3.30
3	460	1.60	3.00
4	450	2.15	3.60
5	440	2.10	3.50
6	430	2.40	4.30
7	420	2.25	4.00
8	410	2.00	3.55
9	400	2.05	3.40
10	390	2.15	3.65

11.8 V 16.6A = .71 ohms

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9966 Date 7-25-80

Operator El Paso Natural Gas Well Name SJ 28-6 #44A

Location SE 20-28-6 County Rio Arriba State New Mexico

Field Blanco Formation

Sampled From CPS 1501 W 280 foot depth

Date Sampled 7-7-80 By Robert Babnick

Tbg. Press. Csg. Surface Csg. Press.

	ppm	epm		ppm	epm
Sodium	322	14	Chloride	16	.5
Calcium	50	3	Bicarbonate	276	5
Magnesium	3	.3	Sulfate	580	12
Iron	No test		Carbonate	0	0
H_2S	Absent		Hydroxide	0	0

Total Solids Dissolved 1106

pH 8.1

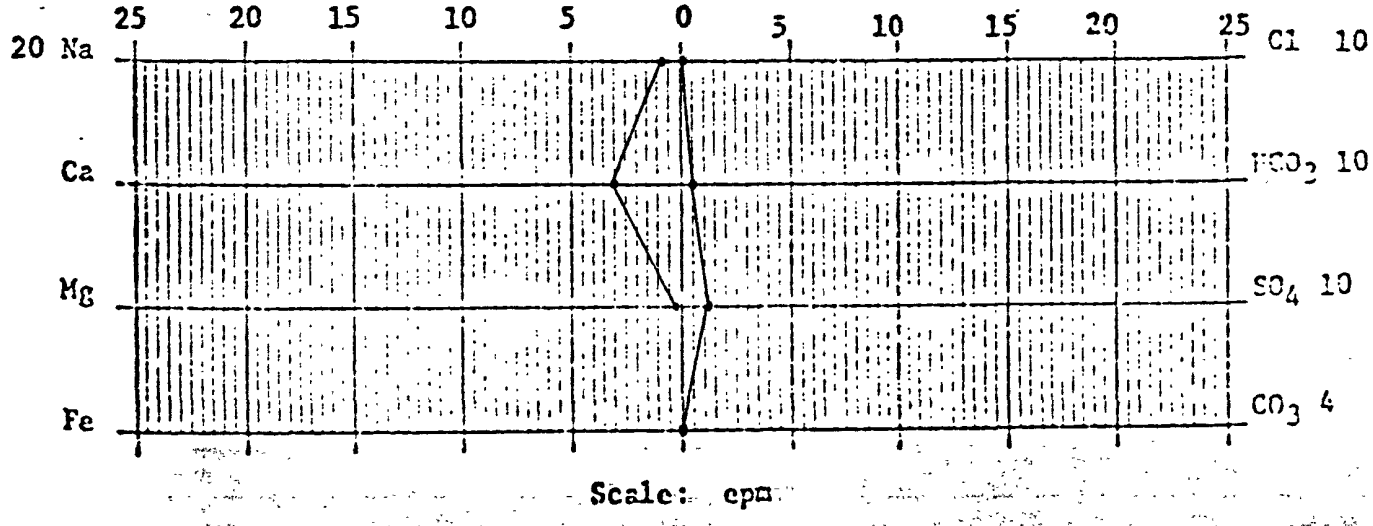
Sp. Gr. 1.0031 At 60°F

Resistivity 635 ohm-cm at 77°F

Deborah Donotalas
Chemist

RZE

cc: C.B. O'Nan
R.A. Ullrich
E.R. Paulek
J.W. McCarthy
A.M. Smith
W.B. Shropshire
D.C. Adams
File



Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

San Juan 28-6 #44A Three C Drilling 2 CPS 1501 W DAILY DRILLING REPORT

LEASE SE 20-28-6 WELL NO. CONTRACTOR RIG NO. REPORT NO 5548-F DATE July 7 1980

MORNING

Driller Kevin Burge Total Men In Crew 3

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	100	sandstone bentonite clay		
100	200	sandstone bentonite shale sand		
200	300	sandstone bentonite shale water sand		
300	400	shale bentonite sandstone		

BIT NO. NO. DC SIZE LENG.

SE. NO. NO. DC SIZE LENG.

SIZE 6 3/4 STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
400	500	Shale bentonite
500	540	shale bentonite sandstone

REMARKS – It was making 1 gallon a minute at 280'. Water was at 270'. It had water standing in hole at 230'. Logged $35

DAYLIGHT

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. NO. DC SIZE LENG.

SERIAL NO. NO. DC SIZE LENG.

SIZE STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

EVENING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. NO. DC SIZE LENG.

SERIAL NO. NO. DC SIZE LENG.

SIZE STANDS

TYPE SINGLES

MAKE DOWN ON KELLY

TOTAL DEPTH

MUD RECORD Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher Kevin Burge Company Supervisor