E

105

7-30-045-05863

11-30-045-13318

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. 15 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced BALLARD #11, #7

cps 1021w

Elevation 6290' Completion Date 6/2/77 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 52' OF 8 5/8 JUNK LINE PIPE

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. 150'

Depths gas encountered: N/A

Type & amount of coke breeze used: 49 SACKS

Depths anodes placed: 365', 355', 345', 335', 225', 215', 205', 195', 185', 175

Depths vent pipes placed: 370'

Vent pipe perforations: 200'

Remarks: gb #2

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 GND BED

Completion Date 6-2-77

Well Name	Location	CPS No.
BALLARD #11 & #7	NE 15-26-9	1021W

Type & Size Bit Used	Work Order No.
6 3/4	91029-90270

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
400 X 388		49		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	365	355	345	335	225 S.T.	215 S.T.	205 S.T.	195 S.T.	185 S.T.	175 S.T.
Anode Output (Amps)	3.7	4.1	3.3	3.7	5.1	5.1	5.8	6.3	6.4	4.7

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

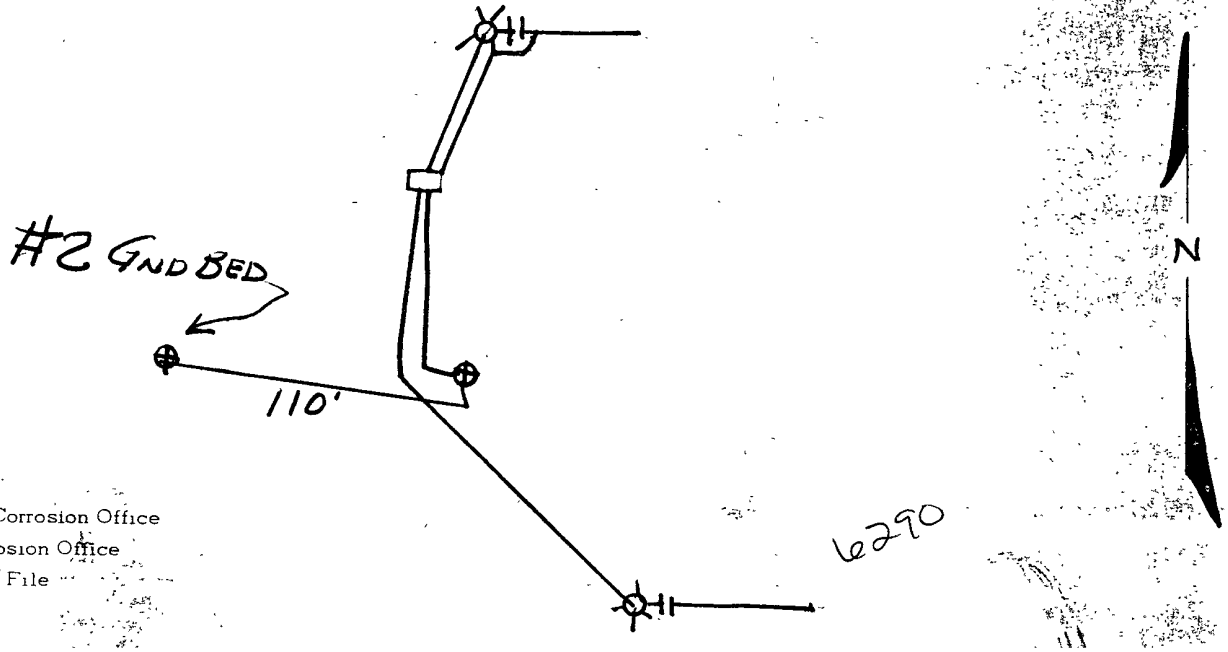
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.0	Amps 13.1	Ohms 0.91		

Remarks: SURFACE WAS SANDY - SET 52' OF 8 5/8 Cos. CHARGED FROM WHSE 46' of JUNK 8 5/8 LINE PIPE DRILLED 180' - WATER NEXT A.M. AT 150' DRILLED TO 400 LOGGED 388 - VENT TO 370' - PERFORATED 200' - SLURRY 49 Coke

All Construction Completed

Darrels
(Signature)

GROUND BED LAYOUT SKETCH



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

EL PASO NATURAL GAS COMPANY

ENGINEERING DEPARTMENT

Sheet ____ of ____

Date: ____

By: ____

MW		gals/mol
16	C_1	6 4
30	C_2	10 12
44	C_3	10 42
58	IC_4	12.38
"	NC_4	11 93
72	IC_5	13 85
"	NC_5	13 71
86	IC_6	15 50
"	C_6	15 57
100	IC_7	17 2
"	C_7	17 46
114	C_8	19.39
28	$C_2^=$	9.64
42	$C_3^=$	9 67

MW	MISC	gals/mol
44	CO_2	6 38
34	H_2S	5 17
28	N_2	4 16
2	H_2	3 38

6-2-77 — 1021 W

150	.9	330	1.5	Drilled to 180				
	.8		1.8	Blewute out Next A.M.				
60	.8	40	1.8	Wtr. at 150				
	1.0		1.7					
70	1.8	50	1.5					
	1.8		1.7					
80	1.9	60	1.8					
	2.0		1.7	49 Coke				
90	2.0	70	1.9					
	2.0		1.8					
200	2.1	80	1.7		1	365	2.4	3.7
	1.9		TD 388		2	355	2.3	4.1
10	2.0	90			3	345	2.3	3.3
	1.9				4	335	2.4	3.7
20	1.9	400			5	225	2.6	5.1
	2.0				6	215	2.5	5.1
30	1.5				7	205	2.5	5.8
	1.0				8	195	2.6	5.3
40	1.0				9	185	2.6	5.4
	.9				10	175	2.4	4.7
50	.8							
	1.3							
60	1.3							
	1.1							
70	.9			12	12.0 M		13.0 A	0.91
	1.0				11 19			
80	1.1				219			
	1.0							
90	1.5							
	1.4							
300	1.0							
	.7							
10	.6							
	.6							
20	.6							
	.7							

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE | WELL NO. 102 W | CONTRACTOR O'Briant | RIG NO. | REPORT NO. | DATE June 2 1977

MORNING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	60	Blow sand		
60	130	Shale		
130	175	Sand - water		
175	235	Shale		
235	262	Sand		

BIT NO. | NO. DC | SIZE | LENG.

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

DAYLIGHT

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
262	268	Shale		
268	301	Sand		
301	310	Shaly		
310	335	Sand		
335	341	Shale		

BIT NO. | NO. DC | SIZE | LENG.

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
		Drilled 60 ft 8 3/4 hole
		Set 52 ft 8 5/8 Csg
		Drilled 340 ft 6 3/4 hole To 400 ft
		Logged To 388 ft

REMARKS –

O'Briant

EVENING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
341	362	Sand		
362	390	Shale		
390	400	Sandstone		

BIT NO. | NO. DC | SIZE | LENG.

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher _____ Company Supervisor _____