61 - 30-039-07714

484 - 30-039-24472

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

Operator MERIDIAN OIL Location: Unit SW Sec. 34 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #61, #484

cps 235w

Elevation 6430' Completion Date 6/29/77 Total Depth 489' 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. 160', 480' SULPHUR

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST. 3

Depths gas encountered: N/A

Type & amount of coke breeze used: 73 SACKS

Depths anodes placed: 435', 425', 350', 215', 205', 180', 170'

Depths vent pipes placed: 440'

Vent pipe perforations: 400'

Remarks: cgb #3 LOST 320' HOLE DUE TO CAVE IN.

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). ☐ Completion Date 6-29-77

Well Name	Location	CPS No.
SJ 30-6 #61	SW34-30-6	235 W
Type & Size Bit Used		**Work Order No.**
6 3/4		53106.19-50-20

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
489				

	# 1	# 2	# 3	# 4	# 5	# 6	7	8	# 9	# 10
Anode Depth	435	425	350	215	205	180	170			
Anode Output (Amps)	2.9	2.9	3.1	3.4	3.8	3.0	3.2			

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

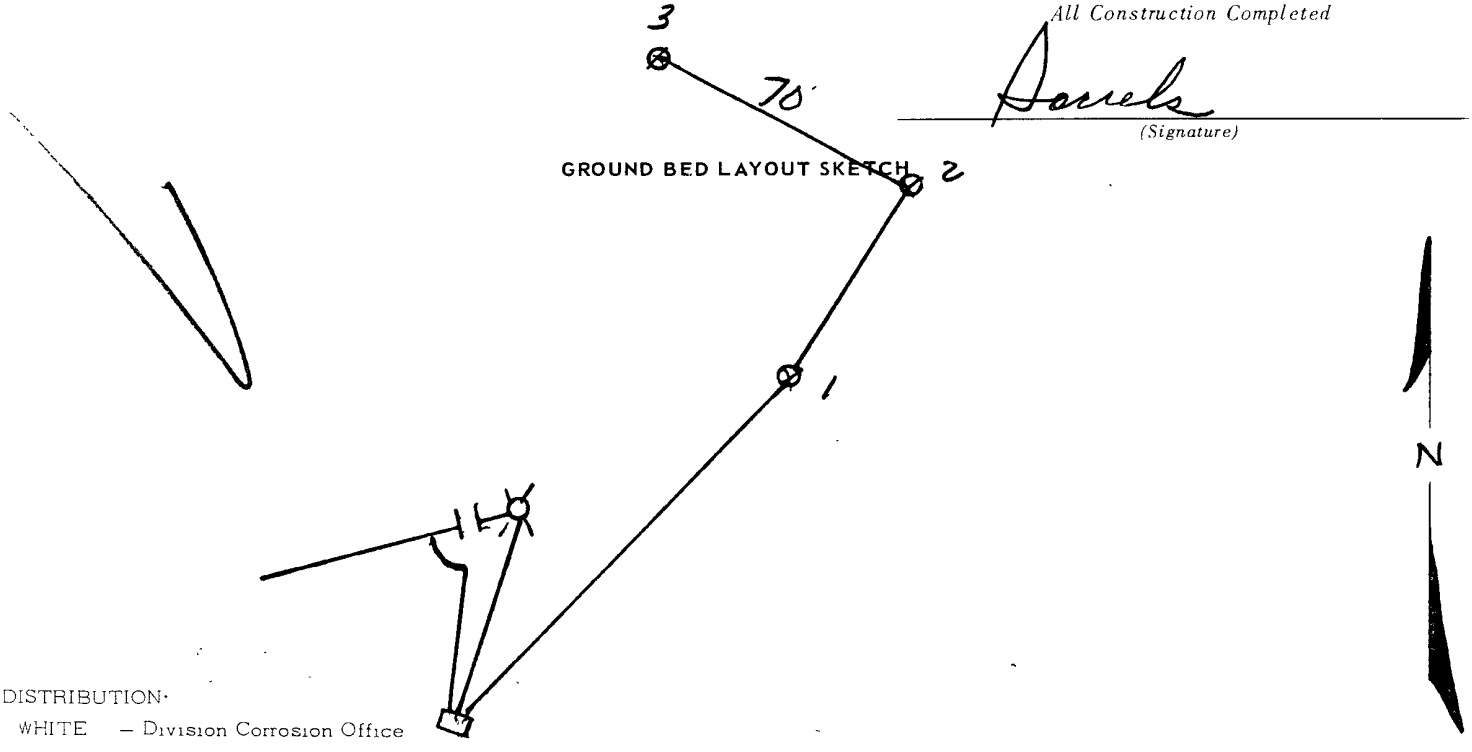
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.8	Amps 9.6	Ohms 1.23		

Remarks: DRILL TO 320 - BLEW WATER OUT NEXT A.M.
DRILLER SAID WATER COMING FROM 160'
LOST BIT CONE IN HOLE - MOVE & DRILL NEW HOLE
DRILL TO 500' VENT TO 440', PERFORATED 400'
SLURRY 73 Coke

All Construction Completed

Daniels
(Signature)

GROUND BED LAYOUT SKETCH



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

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE | WELL NO. 235 W | CONTRACTOR O'Briant | RIG NO. 1 | REPORT NO. | DATE June 29 1977

MORNING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	52	Sand + Silt		
52	72	Sandstone		
72	95	Sandstone damp		
95	105	Shale		

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

SE NO. | NO. DC ___ SIZE ___ LENG. ___

SIZE | STANDS

TYPE | SINGLES

MAKE | DOWN ON KELLY

TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

DAYLIGHT

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
105	122	Sandy Shale		
122	126	Shale		
126	182	Sandstone wet @ 160		
182	188	Shale		

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

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

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN
		6 3/4 hole
		Drilled To 500
		Logged To 489
		Water @ 160 + 480

REMARKS –

O'Briant

EVENING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
188	210	Sandstone		
210	235	Sandy Shale		
235	430	Sandstone w/ Shaley Stks		
430	500	Sandstone		

BIT NO. Sulfur water @ 480 | NO. DC ___ SIZE ___ LENG. ___

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN
		Hard formations -
		2 - 6 3/4 Rock bits
		1 - 5 1/2 Reamer -

REMARKS –

SIGNED: Toolpusher _____ Company Supervisor _____

Form 7-1 (Rev 8-.

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet ______ of ______
Date ______
By ______
File ______

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

MISC.

MW		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

235 W

160	9	385	.2	DRILL TO 320
	.97	90	.2	Blew Wtr out Next, Drill
70	1.0	95	.2	[illegible]
	1.05	400	3	[illegible] 160
80	.9		6	Lost Cone in Hole Move
	7	10	7	[illegible] NEW HOLE
90	7		6	
	8	20	8	
200	8		1.2	
	1.0	30	1.4	
10	1.1		.9	
	1.0	40	.6	
20	9		.6	
	9	50	.9	
30	9		.6	
	9	60	.5	
40	7		.5	VENT TO 440
	7	70	.7	VENT PERF 400
50	6		.6	
	7	80	.5	
60	6		489 T.D.	73 Coke
	5	90		
70	7			
	8	500		
80	9			
	8			1 435} 1.16 2.9
90	7			2 425} 1.02 2.9
	7			3 350} 1.26 3.1
300	6			4 315} 1.25 3.4
	3			5 205} 1.27 3.8
10	3			6 180} 1.14 3.0
	2			7 170} 1.14 3.2
20	3			
	0			
30	1			1.23
	7			96 11.8 V 9.6 A = 1.23Ω
40	1			
	6			
50	9			12
	3			280
60	7			
	5			
70	4			
	8			
80	4			