30-039-07586 4618

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. 21 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #50

cps 89w

Elevation 6768' Completion Date 5/2/74 Total Depth 620' 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. 380' & 500'

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

Depths gas encountered: N/A

Type & amount of coke breeze used: 11100 lbs.

Depths anodes placed: 560', 550', 540', 530', 520', 510', 500', 490', 480', 470'

Depths vent pipes placed: N/A

Vent pipe perforations: 230'

Remarks: gb #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. 1-69)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 5-2-74

Well Name	Location	CPS No.
S.J. 29-7 # 50	NE 21-29-7	89W

Type & Size Bit Used	Work Order No.
6 3/4	40057.19-50-20

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
620		11,100 EST.		

	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
Anode Depth	560	550	540	530	520	510	500	490	480	470
Anode Output (Amps)	1.8	2.0	2.2	2.4	2.8	3.2	3.8	4.1	4.0	4.0

	# 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 11.5	Amps 9.0	Ohms 1.27	78	

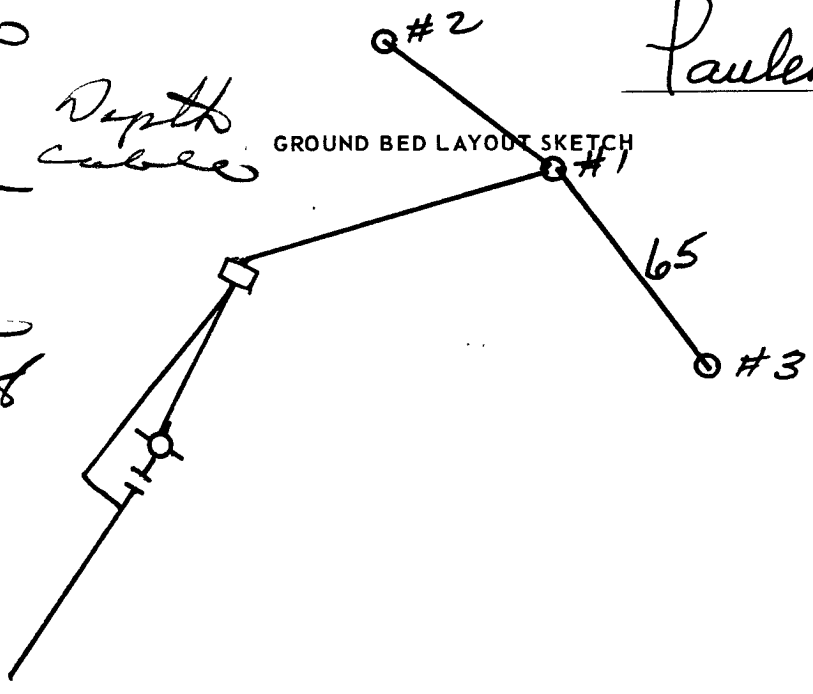
Remarks: Driller Said Wet at 380 & 500' - Fill with Water & Log From 380 - Water Standing at 480 after ONE Hou
Vent Perforated 230'
Pumped to water Zone at 380 - Complete By Slurry

All Construction Completed

Paulek Daniels
(Signature)

3409.00
637.50 Depth
28.00 Cable
4074.50
162.48
4237.48

GROUND BED LAYOUT SKETCH



Original & 1 Copy All Reports

STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill G.D. 15W Date 5-2-74

Owner C.P.S.

Location
City Farmington State N. Mex County

From	To	Formation	Color	Hardness
		Hole 89 W		
0	7	OVERBURDEN		
7	95	Sandstone	BR	M. Soft
95	150	Shale	Blue	M. Soft
150	200	Shale Sandy	Blue	M. Soft
200	230	Shale	Red	M. Hard
230	260	Sandstone	Grey	M. Hard
260	380	Sandy Shale	Red + Blue	M. Hard
380	400	Sand	BR	Soft
400	500	Sandy Shale	Red + Blue	M. Soft
500	520	Shale	Blue	M. Hard
		Water Zones @ 380' + 500'		
		Injection @ 380' + 500'		
		380' Temporary 500' Cont. No		

Total Hours
Equipment Down Time
Hours Drilling
Driller Ted Hollaway
Helper
Helper

C.P.S. Time
S.W.W.D.I. Time
Total Footage

Approval of
C.P.S. Engineer

Form 7-1 (Rev. 5-67)

EL PASO NATURAL GAS COMPANY
ENGINEERING DEPARTMENT

Sheet ____ of ____
Date: 5/2/74
By: ____

5-2-74 . 89w X = 6.3

380	.6		560	1.1							
	.4			.8							
90	.4		70	.6							
	.3			.5							
400	.3	.8	80	.7							
	.9			.8							
10	.6		90	.8							
	.5			.8							
20	.4		600	.8							
	.3			1.0							
30	.3			.7							
	.4		613 TD	.6							
40	.4										
	.4										
50	.3										
	.7										
60	.8										
		.8	.8								
70	2.0	1.8									
	2.1	1.9									
80	2.2	2.0									
	2.1										
90	2.3										
	2.3										
500	2.1										
	2.0										
10	1.8										
	1.7										
20	1.5										
	1.4										
30	1.3										
	1.3										
40	1.2										
	1.0										
50	1.0										
	1.0										

Driller said water @ 380'
@ 500'
Vent hose perforated
230'
Filled with water log from
380' water standing @
480 after 1hr
Pumped to water zone
@ 380 Complete kill string

	Water	Gate
1	560	1.0	1.8
2	550	1.0	2.0
3	540	1.2	2.2
4	530	1.3	2.4
5	520	1.5	2.8
6	510	1.8	3.2
7	500	2.0	3.8
8	490	2.4	4.1
9	480	2.2	4.0
10	470	2.2	4.0

11.5 V 90A 1.27 Ω

MW		gals/mol
16	C_1	6 4
30	C_2	9 56
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 38
28	$C_2^=$	9 64
42	$C_3^=$	9 67

MISC

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