

897

63- 30-039- 07366
124- 30-039- 08115
462- 30-039- 25037

8

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. 22 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #63, #124, #462

cps 1166w

Elevation 6534' Completion Date 8/2/77 Total Depth 500' 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. 200'

Depths gas encountered: N/A

Type & amount of coke breeze used: 73 SACKS

Depths anodes placed: 440', 430', 420', 400', 345', 310', 300', 230', 210', 200'

Depths vent pipes placed: 440'

Vent pipe perforations: 300'

Remarks: gb #1

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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

R. D. Lutz

Drilling Log (Attach Hereto) ☐

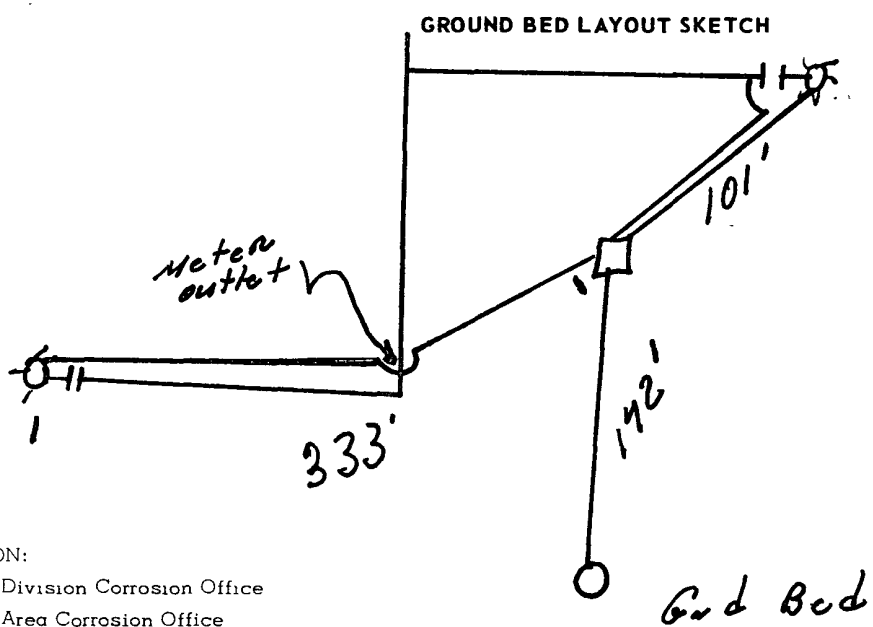
Completion Date **8-2-77**

Well Name SAN JUAN 28-6 units #124		Location SW 22-28-6		CPS No. 1166W	
Type & Size Bit Used 6 3/4"		Work Order No. #63 = 40017.19 #124 = 54442.19			
Anode Hole Depth 500 - 474	Total Drilling Rig Time	Total Lbs. Coke Used 73	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 440	#2 430	#3 420	#4 400	#5 345	#6 310
#7 300	#8 230	#9 210	#10 200		
Anode Output (Amps)					
#1 2.5	#2 2.3	#3 2.4	#4 2.7	#5 2.3	#6 2.6
#7 2.6	#8 2.5	#9 2.4	#10 3.0		
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 10.2	Amps 12.4	Ohms 0.82			

Remarks: **Static #63 600' SE = 0.69, Static #124 600' SW = 0.67**
Installed 10 - 2" x 2" x 48" Graphite Anodes.
DRILLER SAID MAKING WATER @ 200'. STARTED INJ @ 200'.
PERFORATED 300' OF 1" PVC VENT PIPE. INSTALLED 400' OF
1" PVC VENT PIPE. SLURRIED 73 SACKS OF COKE.
INSTALLED 60V 30A RECTIFIER & STUB POLE.

All Construction Completed

W. L. Lutz
(Signature)



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

6534

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of: _____
Date: _____
By: _____
File: _____

2"X2"X48" Graphite Anodes

SAN JUAN 28-6 UNIT # 63

400.17.19

SAN JUAN 28-6 UNIT # 124

SW 22-28-6 1166W

544.42.19

400
200
200

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

STATIC 600' SE 0.69 # 63	DRIVEN/ASAD MAKING WATER @ 200'
STATIC 600' SW 0.67 # 124	STARTED @ 200'
60V 30 A Rectifier	PERFORATED 300' 1/2" PVC VENT PIPE
Static Pipe	Installed 440' 1/2" PVC VENT PIPE
	SLURRED 73 SACKS OF COKE
200 1.5 (10)	
1.3	
10 1.2 (7)	
1.0	
20 1.1	
9	80.8
30 1.5 (8)	.7
.6	90.7
40 .5	.9
.4	400 1.5 - (4)
50 .4	1.2
.7	10 1.0
60 .7	1.1
.6	20 1.3 - (3)
70 .7	1.3
.5	30 1.3 - (2)
80 .5	1.2
.4	40 1.4 - (1)
90 .5	1.0
.5	50 1.0
300 1.4 (7)	1.0
1.4	60 1.4
10 1.3 (6)	1.3
1.2	70 1.2
20 .7	1.2 474 + D
.5	80
30 .6	
.6	90
.6	
1.2 (5) 500	
50 1.0	
1.0	
60 .8	10.2 Volts 12.4 AMPS 0.82 ohms
.6	
.6	
.6	

DAILY DRILLING REPORT

LEASE			WELL NO. 1166W			CONTRACTOR Posey			RIG NO.			REPORT NO.			DATE 1-2-			19 27		
MORNING					DAYLIGHT					EVENING										
Driller		Total Men In Crew			Driller Posey		Total Men In Crew			Driller		Total Men In Crew								
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.						
BIT NO.		NO. DC SIZE LENG.			BIT NO. 634		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.								
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS								
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES								
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY								
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH								
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED							
Time	Wt.	Vis.			Time	Wt.	Vis.			Time	Wt.	Vis.								
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN								
0	5	Surface			130	140	Sand dry			183	196	Sandy wet								
5	25	Clay			140	145	Shale			196	285	Shale								
25	40	Shale			145	155	Sandy wet			285	305	Sandy Shale								
40	60	Sand Rock			155	165	Shale			305	360	Shale								
60	120	Shale			165	175	Sandy wet			360	400	Sandy Shale								
120	130	Sandy Shale			175	183	Shale			400	425	Shale								
REMARKS -					REMARKS -					REMARKS -										
										425 - 500 Sandy Shale										

SIGNED: Toolpusher

____ Company Supervisor