

30-039.07811
30-039.24153

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. 24 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #77

cps 169w

Elevation 6143' Completion Date 8/23/74 Total Depth 480' 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. 60' INCREASING TO T.D. 30-40 GAL MINUTE

Depths gas encountered: N/A

Type & amount of coke breeze used: 8700 lbs.

Depths anodes placed: 460', 450', 410', 220', 210', 140', 130', 120', 110', 95'

Depths vent pipes placed: N/A

Vent pipe perforations: 410'

Remarks: qb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Logged

Drilling Log (Attach Hereto). ☐

Completion Date 8/23/74

Well Name <u>SAN JUAN 30-6 #77</u>				Location <u>SW 24-30N-7W</u>				CPS No. <u>169W</u>			
Type & Size Bit Used <u>6 3/4</u>								Work Order No. <u>52224</u>			
Anode Hole Depth <u>480</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>8,700 EST</u>		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	<u>460</u>	<u>450</u>	<u>410</u>	<u>220</u>	<u>210</u>	<u>140</u>	<u>130</u>	<u>120</u>	<u>110</u>	<u>95</u>	
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	
	<u>1.8</u>	<u>1.8</u>	<u>1.6</u>	<u>1.6</u>	<u>3.3</u>	<u>2.5</u>	<u>3.1</u>	<u>3.7</u>	<u>3.5</u>	<u>2.5</u>	
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	Volts <u>11.5</u>				Amps <u>12.5</u>		Ohms <u>0.92</u>		No. 8 C.P. Cable Used <u>83'</u>		
									No. 2 C.P. Cable Used		

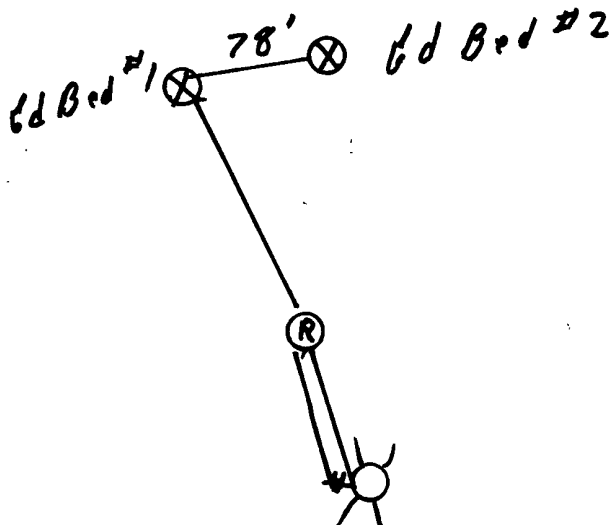
Remarks: Driller said water @ 60' increasing to
T.D. Driller estimates 30-40 gal minute
vent hose perforated 410'. Pumped
three loads water to surface

#3,409.00
33.20 Cable
 #3,442.20
-40.00 Depth Credit
 #3,402.20
136.09 TAX
 \$3,538.29

All Construction Completed

Eduard R. Paulk
 (Signature)

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

**DIAMOND-CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
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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 CPS 169-W 10th

Date 8-23-74

Owner _____

Location

City _____ State Ill County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling 12Driller Bell

Helper: Rach

Helper Eid

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

Date: By: 875.5/460
440
440

169W

 $X = 4.8$

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.55
128	C ₇ 15.57
142	IC ₇ 17.2
156	C ₈ 17.46
170	C ₉ 19.38
184	C ₁₀ 19.64
198	C ₁₁ 19.67

①	50	1.0	30	.6	③	10	1.0	Dr. Her Said Water
		.4		.5			.8	@ 50' Increasing
	60	.8	40	.6		20	.7	To T.D. 30-40 gal
		.7		.5			.7	min
	70	.4	50	.8		30	.7	Water Standing
		.3		.5			.7	@ 50' After
	80	.4	60	.4		40	.7	1 hr
		.3		.5			.8	VCNT Hose Perforate
	90	.3	70	.4	②	50	1.1	440'
		.9		.4			1.2	
	100	.7	80	.4	④	60	1.1	
		.7		.4			.9	
⑤	10	1.3	90	.5		70	.6	
		1.6		.4		475	.6	80 T
⑥	20	1.5	300	.4		80		
		1.4		.4				
⑦	30	1.2	10	.4				
		1.3		.5				
⑧	40	1.2	20	.6		1	460	1.2
		.8		.5		2	450	1.1
	50	.6	30	.5		3	410	1.0
		.6		.4		4	320	1.1
	60	.6	40	.6		5	210	1.4
		.6		.6		6	140	1.2
	70	.5	50	.6		7	130	1.3
		.5		.6		8	120	1.5
	80	.5	60	.6		9	110	1.4
		.5		.6		10	95	1.0
	90	.6	70	.6				
		.6		.7				
	200	.6	80	.7				
		.9		.7				
⑨	10	1.3	90	.7				
		1.3		.8				
⑩	20	1.0	400	.7				
		.7		.7				

Water COKE

MW	MISC	gas/mol
44	CO ₂	5.17
28	N ₂	2.16
2	H ₂	3.38

11.5V 12.5A 0.92 ~