

60 - 30-039-07501
530 - 30-039-24797

4549

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. 34 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #60, #530

cps 106w

Elevation 6449' Completion Date 5/31/74 Total Depth 460' 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. 48'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 420', 345', 335', 325', 315', 300', 165', 150', 140', 130'

Depths vent pipes placed: N/A

Vent pipe perforations: 400'

Remarks: gb #2

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

Drilling Log (Attach Hereto). ☐

Completion Date 5-31-74

Well Name <u>S.J. 29-7 #60</u>		Location <u>N/E 34 - 29-7</u>		CPS No. <u>106W</u>	
Type & Size Bit Used <u>6 3/4</u>		Work Order No. <u>40417.01-50-28</u>			
Anode Hole Depth <u>460</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	<u>420</u>	<u>345</u>	<u>385</u>	<u>325</u>	<u>315</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	<u>2.9</u>	<u>4.2</u>	<u>4.2</u>	<u>3.7</u>	<u>3.0</u>
Anode Depth	# 6	# 7	# 8	# 9	# 10
	<u>300</u>	<u>165</u>	<u>150</u>	<u>140</u>	<u>130</u>
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	<u>3.2</u>	<u>3.4</u>	<u>3.9</u>	<u>4.2</u>	<u>4.3</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.1</u>		Amps <u>14.0</u>		Ohms <u>0.79Ω</u>
No. 8 C.P. Cable Used	<u>133'</u>		No. 2 C.P. Cable Used		

Remarks: Driller Said Water at 48'. Cutting Samples Shows First Shale at 90' - Water level at 280 after 30 min. T.D. 320. Believe it to be injection water. - Decided to Drill Deeper. - Drilled to 460. Water overnight at 395 Drill Pipe Wet at 200 overnight. VENT HOSE PERFORATED Pump to 89' of Surface - Complete By Slurry

\$3,409.00
53.20 C.Hole

\$3,462.20
-110.00 Depth Credit

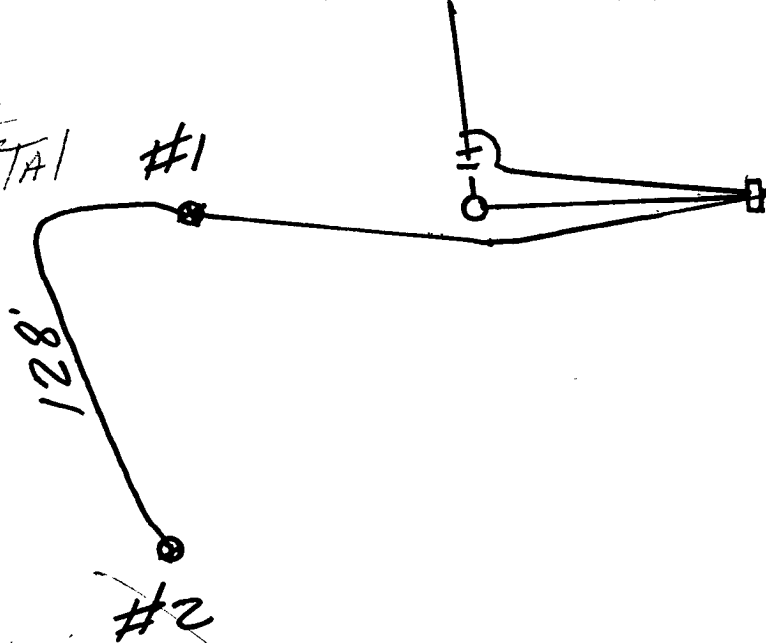
\$3,352.20
134.09 TAX

\$3,486.29 TOTAL

All Construction Completed

Paul E. Daniels
(Signature)

GROUND BED LAYOUT SKETCH



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 - 15 W

Owner Storm Drdg

Location
City _____ State _____ County _____

Date 5-30-74

C.P.S
106 W

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller A. A. Buckwell

Helper _____

Helper _____

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

106W X = 4.7

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 3.4
44	C ₃ 10.4
58	IC ₄ 12.3
72	NC ₄ 11.9
86	IC ₅ 13.8
100	NC ₅ 13.7
114	IC ₆ 15.5
128	NC ₆ 15.7
142	IC ₇ 17.2
156	NC ₇ 17.4
170	IC ₈ 19.3
184	NC ₈ 19.6
198	IC ₉ 21.2
212	NC ₉ 21.5

MW	MSC	gas/mol
44	CO ₂	6.3
44	H ₂ S	5.1
2	H ₂	1.0
2	He	1.0

		245	7	1.4	Driller Said Water at 48'		
		50	7	30	.8	Cuttings Show Shale at 90'	
		55	7		.8	Water Standing at 280 after 30m	
40		60	8	40	.6	6/1/74 @ 395' Water Stand	
			9		.6	Vent Hose Perforated	
40	3	70	.8	50	.6	400'	
	3		6	WSI	Bot	Dx 11 Pipe wet @ 400'	
100	4	80	5	160		After Standing in Hole	
	1.0		8	2		over Night	
10	1.8	90	9	2		Pump to 89' of surface	
	1.8		9			Complete By Slurry	
20	1.1	100	1.5	1.7		Water	Coke
	1.5		1	3.4	4	2.0	2.9
30	1.9	10	1	2.4	4	2	4.2
	1.7	10	1	2.4	3	3	4.2
40	1.7	20		1.7	4	3	3.7
	1.9	30		1.7	5	3	3.0
50	1.7	30		1.8	6	3	3.2
	1.6	40		2.0	7	1	3.4
60	1.9	40		2.0	8	1	3.9
70	1.7	50		1.9	9	1	4.2
	1.4	50		.8	10	1	4.3
	1.4			.9			
80	1.4	60		.7		11.1V	14.0A 0.79~
	1.4			.6			
90	1.4	70		.7			
	.6			.9			
200	5	80		.6			
	4			.2			
10	4	90		.4			
	6			.4			
20	6	400		.6			
	.6			.8			
30	6	10		.6			
	7			1.1			
40	7	10		1.5			