

94= 30-039-18241
428= 30-039-24381

4353

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. 28 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #94, #428

cps 137w

Elevation 6270' Completion Date 8/19/74 Total Depth 640' 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. 180' BIG WATER 380' - 400'

Depths gas encountered: N/A

Type & amount of coke breeze used: 11600 lbs.

Depths anodes placed: 610', 590', 575', 550', 540', 525', 495', 485', 475', 450'

Depths vent pipes placed: N/A

Vent pipe perforations: 430'

Remarks: gb #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-Free.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

LOGGED
Completion Date 8/19/74

Well Name SAN JUAN 30-6 #94		Location SW 28-30N-7W		CPS No. 137 W	
Type & Size Bit Used 6 3/4"				Work Order No. 40073	
Anode Hole Depth 640'	Total Drilling Rig Time	Total Lbs. Coke Used 11,600 EST	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 610	# 2 590	# 3 575	# 4 550	# 5 540	# 6 525
# 7 495	# 8 485	# 9 475	# 10 450		
Anode Output (Amps)					
# 1 1.0	# 2 1.7	# 3 2.0	# 4 2.5	# 5 2.4	# 6 1.7
# 7 1.8	# 8 2.6	# 9 2.1	# 10 1.8		
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 11.8	Amps 9.0	Ohms 1.31		No. 8 C.P. Cable Used 115'	No. 2 C.P. Cable Used

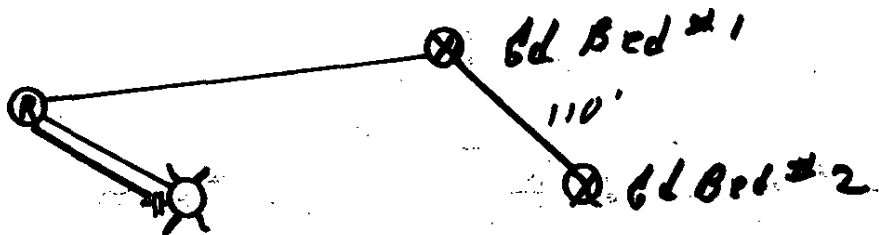
Remarks: Driller said moisture @ 150' water @ 180'
Big water @ 380' - 400'. water standing @ 180'
AFTER 1hr VENT HOSE PERFORATED 430'
Pumped ~~Two~~ ^{Three} leads water to above water zone.

\$3,409.00
46.00 Cable
\$3,455.00
1,012.50 EXTRA DEPTH
\$4,467.50
178.70 TAX
\$4,646.20

All Construction Completed

Edward R. Pauls
(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 CPS #137 W

Date 8-19-74

Owner _____

Location _____

City _____ State _____ County _____

From	To	Formation	Color	Hardness
0	20	Sand	tan	Soft
20	170	Shale	Blue Grey	Med
170	200	Sandy Shale	Grey	"
200	400	Sand	"	"
400	410	Sandy Shale	"	"
410	480	Shale	Blue	"
480	510	Sand	Grey	"
510	580	Shale & Sand	"	"
580	600	Sand	"	"
600	640	Sandy Shale	"	"
moisture @ 150				
Inject @ 150				
water @ 180				
" @ 280-400				

Total Hours _____

Equipment Down Time _____

Hours Drilling 10

Driller Bill

Helper Ray

Helper 2nd

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

137 W

X = 11.9

MW	gas/mol
16	C
30	CO
44	CO ₂
58	H ₂ O
72	H ₂
86	HCN
100	CO ₂
114	CO
128	C ₂ H ₆
142	C ₂ H ₄

180	.3		60	.8	③ 40	1.1	Driller said MOS. T.
	.3			.7		1.2	@ 150' water @
90	.3		70	.7	④ 50	1.2	180' big water @
	.3			.7		1.0	380' - 400'
200	.4		80	.7	60	.7	VENT Pipe Perforated
	.4			.7		.6	430'
10	.3		90	.6	70	.9	Water standing
	.3			.7	③	1.0	@ 180' AFTER 1825
10	.3		400	.7	80	.8	
	.1			.8		.8	
30	.1		10	.7	④ 90	.8	While pumping
	.1			.7		.7	second load water
40	.1		20	.7	600	.7	at location
	.2			.7		.8	come back and
50	.4		30	.7	④ 10	1.0	contractor was
	.4			.7		.9	dry slitting
60	.4		40	.7	20	.7	told him to
	.5			.8		1.6	complete by
70	.5	⑩ 50	1.1		30	.9	pumping
	.5		.8			1.0	
80	.5		60	.8	40		
	.5		.8				
90	.5		70	.9			water coke
	.9	①	1.1		1	610	1.0 2.0
300	.8		80	1.5	2	590	.8 1.7
	.7	③	1.6		3	575	1.1 2.0
10	.7		90	1.4	4	550	1.2 2.5
	.5	⑤	1.2		5	540	1.3 2.4
20	.5		500	.6	6	525	.8 1.7
	.7		.7		7	495	1.2 1.8
30	.7		10	.7	8	485	1.7 2.6
	.9		.8		9	475	1.2 2.1
40	.7		20	.8	10	450	1.2 1.8
	.8	⑦	.8				
50	.7		30	.8		11.84	9.0 A 1.31-2
	.8		.8				

MWC,		
MW		gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	6.16
2	H ₂	3.58