

7 - 30-039-07755
499- 30-039- 24947

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. 30 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #7, #499

cps 261w

Elevation 6267' Completion Date 8/16/74 Total Depth 660' 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. 400'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

**OIL COMPANY
DIST**

Type & amount of coke breeze used: 12000 lbs.

Depths anodes placed: 625', 615', 605', 595', 585', 575', 505', 495', 410', 375'

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

Logged

Drilling Log (Attach Hereto). ☐

Completion Date 8/16/74

Well Name <u>SAN JUAN 30-6 #7</u>			Location <u>SW 30 - 30N - 7W</u>			CPS No. <u>261 W</u>													
Type & Size Bit Used <u>6 3/4</u>						Work Order No. <u>40021</u>													
Anode Hole Depth <u>660</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>12,000 Lbs. 55</u>		Lost Circulation Mat'l Used													
No. Sacks Mud Used																			
Anode Depth																			
# 1	<u>625</u>	# 2	<u>615</u>	# 3	<u>605</u>	# 4	<u>595</u>	# 5	<u>585</u>	# 6	<u>575</u>	# 7	<u>505</u>	# 8	<u>495</u>	# 9	<u>410</u>	# 10	<u>375</u>
Anode Output (Amps)																			
# 1	<u>2.1</u>	# 2	<u>3.0</u>	# 3	<u>2.8</u>	# 4	<u>2.2</u>	# 5	<u>1.5</u>	# 6	<u>1.4</u>	# 7	<u>1.8</u>	# 8	<u>2.0</u>	# 9	<u>2.0</u>	# 10	<u>2.4</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			Amps			Ohms			No. 8 C.P. Cable Used			No. 2 C.P. Cable Used				
<u>11.5</u>			<u>9.5</u>			<u>1.21</u>			<u>48'</u>										

Remarks: Driller said water @ 400' (Estimate 10 gal min.). Water standing in hole after 1 hr @ 375. Vent hose perforated 400' Pumped two loads of water to above water zone complete by slurry

#3,409.00'
19.20' Cable

#3,428.20

1,125.00 Extra Depth

GROUND BED LAYOUT SKETCH

All Construction Completed

E. R. Paulk
(Signature)

#4,553.20

182.13 TAX

#4,735.33

6d Bed #2

43'

6d Bed #1



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 261 W

Date 8-15-74

Owner _____

Location _____

City _____ State _____ County _____

From	To	Formation	Color	Hardness
0	70	Sand	Tan	Soft
70	80	Sandy Shale	Grey	Med
80	130	Sand	Tan	"
130	150	Sandy Shale	Grey	"
150	160	Sand	Tan	"
160	370	Shale	Blue Grey	"
370	400	Sand	Grey	"
400	410	Shale	Blue Grey	"
410	660	Sand	Grey	"
Water @ 400				
Inject @ 100				

Total Hours _____

Equipment Down Time _____

Hours Drilling 11

Driller Bill

Helper Ray

Helper Barrie

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

261W

X = 4.0

MW	gas/mol
18	C ₁ 9.4
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 15.50
128	C ₇ 15.57
142	IC ₇ 17.2
156	C ₈ 17.46
170	IC ₈ 19.38
184	C ₉ 19.64
198	C ₁₀ 21.67

MW	gas/mol
44	CO ₂ 6.38
58	N ₂ 5.17
72	H ₂ 4.16
86	H ₂ 3.38

225	.3	↑	400	.5	80	.7	Driller said water	
230	.3			.9	⑤	.8	@ 400' (10 gal min)	
	.3	⑨	10	.9		.8	water standing	
40	.4			.5	①	.9	in hole after one	
	.4		20	.5		1.2	hr @ 375'	
50	.4			.6	③	1.3	vent hose perforator	
	.5		30	.6		1.6	400'	
60	.5			.6	②	1.7		
	.7		40	.6		1.4		
70	.8			.6	①	1.2		
	.9		50	.6		.7		
80	.8			.7		.7		
	.9		60	.7		.7		
90	.8			.6		.8		
	.7		70	.7		.7		
300	.7			.5		.6		
	.6		80	.6		60	BOT	
10	.3			.6				
	.4	F	90	.6			water	
20	.4	A		1.0		1	625	2.1
	.4	M	500	1.2		2	615	3.0
30	.4			.9		3	605	2.8
	.4		10	.6		4	595	2.2
40	.5			.6		5	585	1.5
	.6		20	.6		6	575	1.4
50	.7			.6		7	505	1.8
	.6		30	.6		8	495	2.0
60	.6			.6		9	410	2.0
	.7	↓	40	.6		10	375	2.4
70	1.2	↑		.6				
	1.3	N	50	.6			11.5	9.5
80	.6	A		.6				1.2
	.5	T	60	.6				
90	.5	↓		.6				
	.5	↓	70	.6				
		⑩		.7				