

4613

30-039-07630

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. 17 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #44

cps 87w

Elevation 6666' Completion Date 10/21/71 Total Depth 700' 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. 350'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 10500 lbs.

Depths anodes placed: 445', 435', 425', 415', 400', 390', 380', 370', 360', 350'

Depths vent pipes placed: 445' & 350'

Vent pipe perforations: 250'

Remarks: qb-#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

C.P.S. Redrill
Guadalupe

Logged

Drilling Log (Attach Hereto). ☐

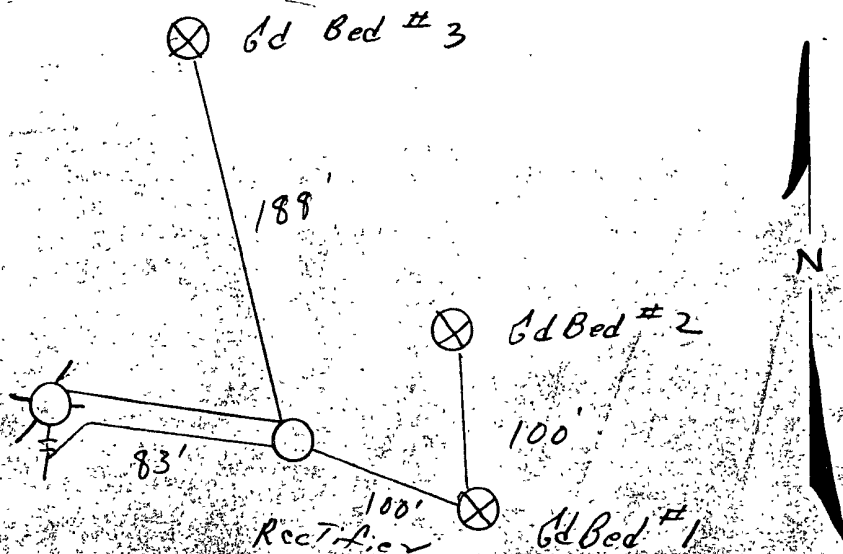
Completion Date 10-21-71

Well Name SAN JUAN 29-7 #44		Location NE 17-29N-7W		CPS No. 87 W	
Type & Size Bit Used 6 3/4		Work Order No. 184-40054-50-20			
Anode Hole Depth 700'	Total Drilling Rig Time	Total Lbs. Coke Used 10,500	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 445	# 2 435	# 3 425	# 4 415	# 5 400	# 6 390
# 7 380	# 8 370	# 9 360	# 10 350		
Anode Output (Amps)					
# 1 1.8	# 2 2.8	# 3 3.3	# 4 3.0	# 5 2.9	# 6 3.2
# 7 3.0	# 8 3.4	# 9 3.5	# 10 3.2		
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 10.8	Amps 11.8	Ohms 0.91	198'		

Remarks: Driller drilled with air to 700' SHUT DOWN @ 290' for 45 MIN Made NO WATER. Driller circulated 1 Load of WATER Found WATER @ 360' WHEN Logging WATER level Dropped to Below 450' WHEN INSTALLING ANODES. VENT HOSE #1 Perforated 250' TO #1 ANODE. VENT HOSE #2 OPEN END TO #10 ANODE. Pumped 54 SACKS FIRST Load. Pumped 20 SACKS second Load COMPLETED BY slurry TOTAL 105 SACKS All Construction Completed
Gd bed will probably have to be watered

Paulk
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

SIGNED: Joe Morano Company Supervisor

87W
SANDHILL 29-7 #44
CPS Redrill

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 1.5
44	C ₃ 10.42
58	C ₄ 12.38
72	C ₅ 11.93
86	C ₆ 11.85
100	C ₇ 11.71
114	C ₈ 11.57
128	C ₉ 11.43
142	C ₁₀ 11.29
156	C ₁₁ 11.15
170	C ₁₂ 11.01
184	C ₁₃ 10.87
198	C ₁₄ 10.73
212	C ₁₅ 10.59
226	C ₁₆ 10.45
240	C ₁₇ 10.31
254	C ₁₈ 10.17
268	C ₁₉ 10.03
282	C ₂₀ 9.89
296	C ₂₁ 9.75
310	C ₂₂ 9.61
324	C ₂₃ 9.47
338	C ₂₄ 9.33
352	C ₂₅ 9.19
366	C ₂₆ 9.05
380	C ₂₇ 8.91
394	C ₂₈ 8.77
408	C ₂₉ 8.63
422	C ₃₀ 8.49

MW	MBC	gas/mol
44	CO ₂	1.5
44	H ₂ O	1.5
44	N ₂	1.5
44	He	1.5
44	Ar	1.5
44	Kr	1.5
44	Xe	1.5

30	90	60	.40	Circulated 1 Load or
			.20	water standing AT
30	300	70	.12	350' 1 445 1.20 2.8
			.12	2 435 1.15 2.8
40	10	80	.12	3 425 1.28 3.3
			.14	4 415 1.09 3.0
50	20	90	.20	5 400 1.10 2.9
			.18	6 390 1.22 3.2
60	30	500	.17	7 380 1.14 3.0
			.16	8 370 1.25 3.4
70	40	10	.18	9 360 1.28 3.5
			.36	10 350 1.15 3.2
80	50	10	.36	30 1.08
			.10	.78
90	60	30	.10	40 .88
			.10	1.06
100	70	40	.10	50 .95
			.10	.75
10	80	50	.15	60 1.05
			.30	1.38
20	90	60	.55	70 1.40
			.70	1.15
30	400	70	.42	80 1.30
			.34	1.67
40	10	80	.50	90 1.88
50	10	1.30	.50	BOTTOM
60	10	1.0	.75	700
			.65	10.8V 11.8A 0.91
60	30	1.40	.48	
			.46	
70	40	1.15	.45	Pumped 37.9 5 Hovels
			.57	54 Sacks 1 Load
80	50	1.10	.95	WATER Pumped 20 Sack
			1.17	2nd Load completion
				By S/arrv

Water Reading Taken
After Starting to Pump
Coke