

30-045-09662

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. 9 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SUNRAY E #2

cps 256w

Elevation 6395' Completion Date 11/18/74 Total Depth 500' 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. N/A

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 345', 335', 325', 315', 280', 270', 260', 250', 240', 210'

Depths vent pipes placed: N/A

Vent pipe perforations: 340'

Remarks: gb #2 DRILLED TO 400' ON 8/13/74, WATER AT 130'. HOLE CAVED. MOVED BACK OVER

SAME HOLE 11/18. NO WATER. ONE ANODE AT 375' HOLE CAVED OR BRIDGE AT 360'. CONDEM ANODE.

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 11-18-74

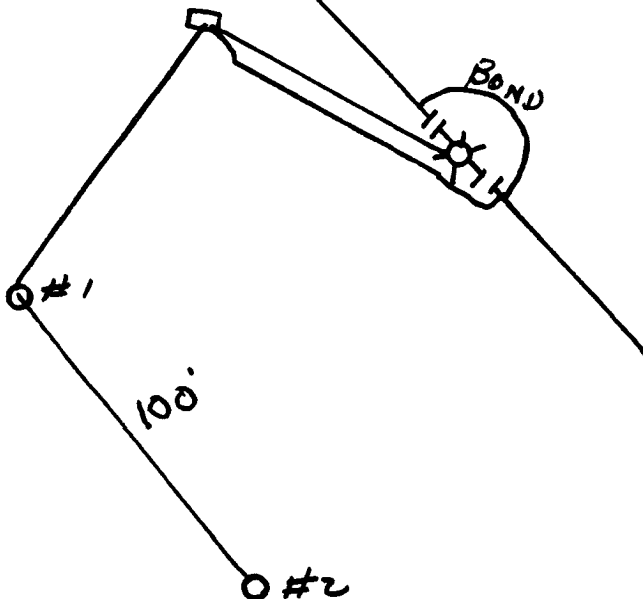
Well Name SUNRAY E#2		Location SW 9-30-10		CPS No. 256W	
Type & Size Bit Used 6 3/4				Work Order No. 53130	
Anode Hole Depth 500	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 345	# 2 335	# 3 325	# 4 315	# 5 280	# 6 270
# 7 260	# 8 250	# 9 240	# 10 210		
Anode Output (Amps)					
# 1 4.2	# 2 4.4	# 3 4.0	# 4 4.2	# 5 5.0	# 6 5.2
# 7 5.2	# 8 5.8	# 9 5.2	# 10 4.3		
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 12.3	Amps 16.0	Ohms 0.77	105'		

Remarks: Drilled to 400 on 8-13-74, Driller said water at 130-150 - Hole Caved, Rig on Next location, Moved Back over same hole 11-18-74, Bridge at 175' No water. Drilled with Mud to 500 - Then down Mud with Pump Hose. one Anode at 375; Hole Caved or Bridge at 360, Could Not Get Anode Back or Pump Hose Down - Condemn this Anode Vent Perforated 340 to Condemned Anode - Pump to 5' of Surface

Construction Completed

Dorels
(Signature)

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
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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 CP 650

Date 11-18-74

Owner CPS # ~~265~~ 256 W

Location

City _____ State _____ County _____

[illegible]

Total Hours _____

C.P.S. Time _____

Equipment Down Time _____

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

Hours Drilling 2

Total Footage _____

Driller J. Kuhn

Approval of
C.P.S. Engineer _____

Helper _____

Helper _____

256W X = 4.2

MW	gas/mol
16	C ₂ H ₆
30	C ₃ H ₈
44	C ₄ H ₁₀
58	C ₅ H ₁₂
72	C ₆ H ₁₄
86	C ₇ H ₁₆
100	C ₈ H ₁₈
114	C ₉ H ₂₀
128	C ₁₀ H ₂₂
142	C ₁₁ H ₂₄

MW	MISC	gas/mol
44	CO ₂	4.4
30	H ₂	3.0
2	H ₂	2.0

200	71	380	8	This Hole Drilled to 400 on 8-13-74 Driller said Water at 130 to 150' - Hole Bridged Could Not Get Anodes Down - Rig already on Next location - 11-18-74 - Moved Back & Dug Pits Bridge at 175' New water Drilled to 500 with Mud. This Hole lagged with Mud			
10	19	90	9				
	25	95	1.4				
20	21						
	19	400	1.9				
	17		1.6				
30	16		1.4				
	22	10	1.0				
40	20	20	1.2				
	29		1.8				
50	30	30	1.9				
	3.1		1.4				
60	3.1	40	1.5				
	30		1.9				
70	32	50	2.2				
	31		2.1				
80	31	60	2.3				
	25		2.2				
90	22	70	2.3				
	20		2.2				
300	2.0		2.2	460	2.3		
	21	80	2.6	450	2.2		
10	20		2.3	1 345	2.3	2.3	4.2
	28	90		2 335	2.7	2.3	4.4
20	26	93 T.D		3 325	2.4	2.3	4.0
	24	500		4 315	2.8	2.5	4.2
30	27			5 290	3.1	2.7	5.0
	27			6 270	3.2	3.0	5.2
40	24			7 260	3.1	3.0	5.2
	23			8 250	3.0	2.7	5.8
50	18			9 240	2.4	2.3	5.2
	18			10 230	2.5	2.3	4.8
60	1.6						
	9						
70	9						
	10						

$$100 \frac{12.3 \times 16.0}{11.23} = 176$$