

30-045-09203

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDAIN OIL Location: Unit NE Sec. 26 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SUNRAY F #1

cps 833w

Elevation 6220' Completion Date 10/31/73 Total Depth 360' 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. WET AT 40' BIG WATER AT 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5900 lbs.

Depths anodes placed: 320', 310', 300', 270', 260', 220', 210', 190', 180', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #1

RECEIVED

MAY 31 1991

OIL CON. DIV

DIST. 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 10/30/31-73

Well Name SUN RAY F #1		Location NE 26-30N-10W		CPS No. 833 W	
Type & Size Bit Used 6 7/8"				Work Order No. 52464	
Anode Hole Depth 360'	Total Drilling Rig Time	Total Lbs. Coke Used 5,900	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 320'	# 2 310'	# 3 300'	# 4 270'	# 5 260'	# 6 220'
# 7 210'	# 8 190'	# 9 180'	# 10 150'		
Anode Output (Amps)					
# 1 4.5	# 2 6.0	# 3 3.9	# 4 3.7	# 5 3.8	# 6 3.1
# 7 3.7	# 8 3.5	# 9 3.8	# 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 11.7	Amps 14.0	Ohms 0.832	500'		

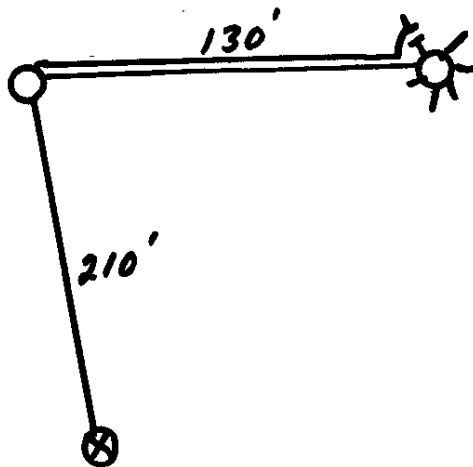
Remarks: Driller said DAMP from 40' Big water AT 140'
water standing @ 140' vent perforated 200'
Pumped 38 sacks slurry 21 sacks
Rectifier and stab pole to be installed
By contractor.

2,230.00
 448.40 COKE
 84.00 CABLE
 2,762.40
 232.50 Depth Credit
 2,529.90
 40.00 Stab Pole
 254.50 RECTIFIER
 2,824.40
 112.98 TAX
 2,937.38

All Construction Completed

Edward R. Paulch
 (Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

C.P.S. # 833-W

LEASE C.P.S. # 833-W WELL NO. CONTRACTOR *M. M. M.* RIG NO. REPORT NO. DATE *10-30* 19*73*

MORNING						DAYLIGHT						EVENING					
Driller			Total Men In Crew			Driller			Total Men In Crew			Driller			Total Men In Crew		
FROM	TO	FORMATION	WT.-BIT	R.P.M.		FROM	TO	FORMATION	WT.-BIT	R.P.M.		FROM	TO	FORMATION	WT.-BIT	R.P.M.	
0	120	<i>PySed</i>				200	240	<i>Sed</i>									
120	140	<i>Wet Sed (WMA)</i>				240	260	<i>Sed</i>									
140	160	<i>Sed</i>				260	280	<i>Sed</i>									
160	200	<i>Sed</i>				280	360	<i>Sed</i>									
BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.			BIT NO.			NO. DC SIZE LENG.		
SERIAL NO.			STANDS			SERIAL NO.			STANDS			SERIAL NO.			STANDS		
SIZE			SINGLES			SIZE			SINGLES			SIZE			SINGLES		
TYPE			DOWN ON KELLY			TYPE			DOWN ON KELLY			TYPE			DOWN ON KELLY		
MAKE			TOTAL DEPTH			MAKE			TOTAL DEPTH			MAKE			TOTAL DEPTH		
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time			WT. VIS.			Time			WT. VIS.			Time			WT. VIS.		
FROM			TO			FROM			TO			FROM			TO		
TIME BREAKDOWN						TIME BREAKDOWN						TIME BREAKDOWN					
REMARKS -						REMARKS -						REMARKS -					

SIGNED: Toolpusher *But M. M.* Company Supervisor _____

833W

MW	gas/mi
10	6.4
20	7.6
30	8.8
40	10.0
50	11.2
60	12.4
70	13.6
80	14.8
90	16.0
100	17.2
110	18.4
120	19.6
130	20.8
140	22.0
150	23.2
160	24.4
170	25.6
180	26.8
190	28.0
200	29.2

MW	gas/mi
10	6.4
20	7.6
30	8.8
40	10.0
50	11.2
60	12.4
70	13.6
80	14.8
90	16.0
100	17.2
110	18.4
120	19.6
130	20.8
140	22.0
150	23.2
160	24.4
170	25.6
180	26.8
190	28.0
200	29.2

140		320	1.8	Driller said Pump from 40' Big water @ 140' Perforated Vent 200' Water standing @ 140'	
	1.1		1.3		
50	1.8	30	1.2		
	1.2		1.0		
60	1.1	40	1.0		
	1.0		1.0		
70	1.1	350	BOTTOM		
	1.2				
80	1.9				
	1.8				
90	1.7				
	1.3				
200	1.3				
	1.7				
10	1.7			Water	0.4K
	1.3	1	320	2.4	4.5
20	1.7	2	310	2.6	5.0
	1.2	3	300	2.1	3.9
30	1.9	4	270	2.3	3.7
	1.0	5	260	2.1	3.8
40	1.3	6	220	1.6	3.1
	1.4	7	210	2.0	3.7
50	1.0	8	190	1.8	3.5
	1.0	9	180	1.9	3.8
60	1.9	10	150	1.8	3.2
	2.3				
70	2.3			11.7	14.0
	1.7				0.83
80	1.2				
	1.1				
90	1.2				
	1.9				
300	2.3				
	2.5				
10	2.7				
	2.3				

Pumped 38 sacks
Slurry 21 sacks