

1 30-045-09449
7 30-045-20846
215 30-045-27075

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit SW Sec. 15 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SUNRAY B #1, #7, #215

cps 2068w

Elevation 6344' Completion Date 11/2/73 Total Depth 400' 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. 135'

Depths gas encountered: N/A

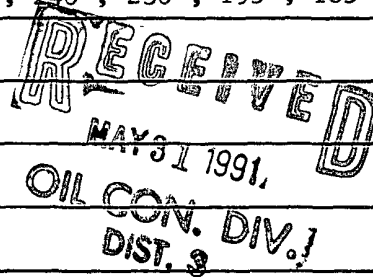
Type & amount of coke breeze used: 6900 lbs.

Depths anodes placed: 340', 305', 285', 265', 250', 240', 230', 195', 185', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

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). ☐

#25

Completion Date *11/2/73*

Well Name SUNRAY B#1 & B#2				Location SW 15-30N-10W				CPS No. 207 W 2068											
Type & Size Bit Used 6 3/4"								Work Order No. 52259 & 54940											
Anode Hole Depth 400'		Total Drilling Rig Time		Total Lbs. Coke Used 6900		Lost Circulation Mat'l Used		No. Sacks Mud Used											
Anode Depth																			
# 1	340	# 2	305	# 3	285	# 4	265	# 5	250	# 6	240	# 7	230	# 8	195	# 9	185	# 10	175
Anode Output (Amps)																			
# 1	2.2	# 2	2.3	# 3	2.5	# 4	2.7	# 5	3.8	# 6	4.1	# 7	2.6	# 8	2.9	# 9	3.4	# 10	3.5
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	11.0	Ohms	1.06	337'													

Remarks: *Drilled with Mud Because of loose sand AT Top of Hole. Water standing @ 135' AFTER 16 hrs VENT HOSE Perforated 200' Pumped 38 sacks, slurry 31 sacks*

*#2,230.00
524.40 Coke
66.40 Cable*

All Construction Completed

Edward R. Paulk
(Signature)

*\$2,820.80
202.50 Depth Credit*

GROUND BED LAYOUT SKETCH

SUNRAY B#2

*\$2,618.30
104.73 TAX
\$2,723.03 TOTAL*

Grid #1



← App 900' →

327'

Grid #2

SUNRAY B#1

6344

207W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.65
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.46
156	NC ₇ 17.46
170	IC ₈ 19.44
184	NC ₈ 19.44
200	IC ₉ 21.50
216	NC ₉ 21.50
232	IC ₁₀ 23.66
248	NC ₁₀ 23.66
264	IC ₁₁ 25.92
280	NC ₁₁ 25.92
296	IC ₁₂ 28.28
312	NC ₁₂ 28.28
328	IC ₁₃ 30.74
344	NC ₁₃ 30.74
360	IC ₁₄ 33.30
376	NC ₁₄ 33.30
392	IC ₁₅ 35.96
408	NC ₁₅ 35.96
424	IC ₁₆ 38.72
440	NC ₁₆ 38.72
456	IC ₁₇ 41.58
472	NC ₁₇ 41.58
488	IC ₁₈ 44.54
504	NC ₁₈ 44.54
520	IC ₁₉ 47.60
536	NC ₁₉ 47.60
552	IC ₂₀ 50.76
568	NC ₂₀ 50.76
584	IC ₂₁ 54.02
600	NC ₂₁ 54.02
616	IC ₂₂ 57.38
632	NC ₂₂ 57.38
648	IC ₂₃ 60.84
664	NC ₂₃ 60.84
680	IC ₂₄ 64.40
696	NC ₂₄ 64.40
712	IC ₂₅ 68.06
728	NC ₂₅ 68.06
744	IC ₂₆ 71.82
760	NC ₂₆ 71.82
776	IC ₂₇ 75.68
792	NC ₂₇ 75.68
808	IC ₂₈ 79.64
824	NC ₂₈ 79.64
840	IC ₂₉ 83.70
856	NC ₂₉ 83.70
872	IC ₃₀ 87.86
888	NC ₃₀ 87.86
904	IC ₃₁ 92.12
920	NC ₃₁ 92.12
936	IC ₃₂ 96.48
952	NC ₃₂ 96.48
968	IC ₃₃ 100.94
984	NC ₃₃ 100.94
1000	IC ₃₄ 105.50
1016	NC ₃₄ 105.50
1032	IC ₃₅ 110.16
1048	NC ₃₅ 110.16
1064	IC ₃₆ 114.92
1080	NC ₃₆ 114.92
1096	IC ₃₇ 119.78
1112	NC ₃₇ 119.78
1128	IC ₃₈ 124.74
1144	NC ₃₈ 124.74
1160	IC ₃₉ 129.80
1176	NC ₃₉ 129.80
1192	IC ₄₀ 134.96
1208	NC ₄₀ 134.96
1224	IC ₄₁ 140.22
1240	NC ₄₁ 140.22
1256	IC ₄₂ 145.58
1272	NC ₄₂ 145.58
1288	IC ₄₃ 151.04
1304	NC ₄₃ 151.04
1320	IC ₄₄ 156.60
1336	NC ₄₄ 156.60
1352	IC ₄₅ 162.26
1368	NC ₄₅ 162.26
1384	IC ₄₆ 168.02
1400	NC ₄₆ 168.02
1416	IC ₄₇ 173.88
1432	NC ₄₇ 173.88
1448	IC ₄₈ 179.84
1464	NC ₄₈ 179.84
1480	IC ₄₉ 185.90
1496	NC ₄₉ 185.90
1512	IC ₅₀ 192.06
1528	NC ₅₀ 192.06
1544	IC ₅₁ 198.32
1560	NC ₅₁ 198.32
1576	IC ₅₂ 204.68
1592	NC ₅₂ 204.68
1608	IC ₅₃ 211.14
1624	NC ₅₃ 211.14
1640	IC ₅₄ 217.70
1656	NC ₅₄ 217.70
1672	IC ₅₅ 224.36
1688	NC ₅₅ 224.36
1704	IC ₅₆ 231.12
1720	NC ₅₆ 231.12
1736	IC ₅₇ 238.08
1752	NC ₅₇ 238.08
1768	IC ₅₈ 245.14
1784	NC ₅₈ 245.14
1800	IC ₅₉ 252.30
1816	NC ₅₉ 252.30
1832	IC ₆₀ 259.56
1848	NC ₆₀ 259.56
1864	IC ₆₁ 266.92
1880	NC ₆₁ 266.92
1896	IC ₆₂ 274.38
1912	NC ₆₂ 274.38
1928	IC ₆₃ 281.94
1944	NC ₆₃ 281.94
1960	IC ₆₄ 289.60
1976	NC ₆₄ 289.60
1992	IC ₆₅ 297.36
2008	NC ₆₅ 297.36
2024	IC ₆₆ 305.22
2040	NC ₆₆ 305.22
2056	IC ₆₇ 313.18
2072	NC ₆₇ 313.18
2088	IC ₆₈ 321.24
2104	NC ₆₈ 321.24
2120	IC ₆₉ 329.40
2136	NC ₆₉ 329.40
2152	IC ₇₀ 337.66
2168	NC ₇₀ 337.66
2184	IC ₇₁ 346.02
2200	NC ₇₁ 346.02
2216	IC ₇₂ 354.48
2232	NC ₇₂ 354.48
2248	IC ₇₃ 363.04
2264	NC ₇₃ 363.04
2280	IC ₇₄ 371.70
2296	NC ₇₄ 371.70
2312	IC ₇₅ 380.46
2328	NC ₇₅ 380.46
2344	IC ₇₆ 389.32
2360	NC ₇₆ 389.32
2376	IC ₇₇ 398.28
2392	NC ₇₇ 398.28
2408	IC ₇₈ 407.34
2424	NC ₇₈ 407.34
2440	IC ₇₉ 416.50
2456	NC ₇₉ 416.50
2472	IC ₈₀ 425.76
2488	NC ₈₀ 425.76
2504	IC ₈₁ 435.12
2520	NC ₈₁ 435.12
2536	IC ₈₂ 444.58
2552	NC ₈₂ 444.58
2568	IC ₈₃ 454.14
2584	NC ₈₃ 454.14
2600	IC ₈₄ 463.80
2616	NC ₈₄ 463.80
2632	IC ₈₅ 473.56
2648	NC ₈₅ 473.56
2664	IC ₈₆ 483.42
2680	NC ₈₆ 483.42
2696	IC ₈₇ 493.38
2712	NC ₈₇ 493.38
2728	IC ₈₈ 503.44
2744	NC ₈₈ 503.44
2760	IC ₈₉ 513.60
2776	NC ₈₉ 513.60
2792	IC ₉₀ 523.86
2808	NC ₉₀ 523.86
2824	IC ₉₁ 534.22
2840	NC ₉₁ 534.22
2856	IC ₉₂ 544.68
2872	NC ₉₂ 544.68
2888	IC ₉₃ 555.24
2904	NC ₉₃ 555.24
2920	IC ₉₄ 565.90
2936	NC ₉₄ 565.90
2952	IC ₉₅ 576.66
2968	NC ₉₅ 576.66
2984	IC ₉₆ 587.52
3000	NC ₉₆ 587.52
3016	IC ₉₇ 598.48
3032	NC ₉₇ 598.48
3048	IC ₉₈ 609.54
3064	NC ₉₈ 609.54
3080	IC ₉₉ 620.70
3096	NC ₉₉ 620.70
3112	IC ₁₀₀ 631.96
3128	NC ₁₀₀ 631.96

MW	MISC.	gas/mol
44	CO ₂	5.38
34	H ₂ S	5.79
28	N ₂	4.16
2	H ₂	3.38

	.9	310	1.5	Drilled with mud		
140	1.3		1.3	Water standing @		
	2.2	20	1.2	135' After 16 hrs		
150	2.5		1.3			
	2.3	30	1.2			
60	2.3		1.5			
	2.3	40	1.5	Water 405 e		
70	2.2		1.3	1	340	1.7
	2.3	50	1.1	2	305	1.7
80	2.4		1.1	3	285	1.9
	2.3	60	1.0	4	265	1.9
90	2.0		.9	5	250	2.8
	2.0	70	.8	6	240	2.8
200	1.0		.9	7	230	1.8
	.9	80	1.1	8	195	2.2
10	1.0		1.1	9	185	2.4
	.7	90	1.1	10	175	2.5
20	.5		1.0			
	.7	402	Bot.	11.7	11.0	1.06 e
30	1.8					
	2.4					
40	2.5					
	2.8					
50	2.6					
	1.6					
80	1.4					
	1.9					
70	1.7					
	1.3					
80	1.5					
	1.9					
90	1.8					
	1.5					
300	1.4					
	1.7					
				Pumped 38 sacks		
				5/14/24 31 sacks		
				Total 69 sacks		

C.P.S. # 207-W

LEASE		WELL NO.		CONTRACTOR		RIG NO.		REPORT NO.		DATE		11-2		1973			
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	55	Rose Sand			280	290	S. Lake										
55	100	Sand			290	320	Sand										
100	270	S. Lake			320	340	S. Lake										
270	280	Sand			340	400	Sand										
NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.	
BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.		BIT NO.	
SERIAL NO.		STANDS		SIZE		TYPE		TOTAL DEPTH		SERIAL NO.		STANDS		SIZE		TYPE	
DOWN ON KELLY		TOTAL DEPTH		MAKE		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		DOWN ON KELLY		TOTAL DEPTH		MAKE		MUD RECORD	
Time		Wt.		Vis.		Time		Wt.		Vis.		Time		Wt.		Vis.	
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN	
REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -	

SIGNED: Toolpusher

But M...

Company Supervisor