

1 = 30-045-09846
2 = 30-045-20480

4947

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. 6 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced QUIGLEY #1, QUIGLEY #2

cps 44w

Elevation 6510' Completion Date 12/6/73 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. WET 65' & 170'. BIG WATER 340'.

Depths gas encountered: N/A

Type & amount of coke breeze used: 7500 lbs.

Depths anodes placed: 468', 440', 430', 405', 390', 380', 370', 350', 340', 320', 31

Depths vent pipes placed: N/A

Vent pipe perforations: 400'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 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

Drilling Log (Attach Hereto). ☐

Completion Date **12-6-73**

Well Name Guigley #1		Location SW 6-30-9		CPS No. 44W 52293	
Type & Size Bit Used 6 3/4				Work Order No.	
Anode Hole Depth 500	Total Drilling Rig Time	Total Lbs. Coke Used 7500	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 468	# 2 440	# 3 430	# 4 405	# 5 390	# 6 380
# 7 370	# 8 350	# 9 340	# 10 320		
Anode Output (Amps)					
# 1 3.4	# 2 1.8	# 3 2.0	# 4 1.4	# 5 2.1	# 6 3.0
# 7 2.5	# 8 3.2	# 9 2.3	# 10 2.4		
Anode Depth					
# 11 310	# 12 300	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11 3.4	# 12 2.6	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance					
Volts 12.0	Amps 12.2	Ohms .98	No. 8 C.P. Cable Used 64	No. 2 C.P. Cable Used	

Remarks: **Driller Said Wet at 65 & 170.**
Drill to 500- Hole Caved Mixed Mud & Clean out
Pumped 48 Slurry 27 Total 75
Vent Perforated 400'

112,230.00
550,000.00
12.20 CABLE

12.80
170.00 2 Anodes

2,982.30
10.50 Depth Credit

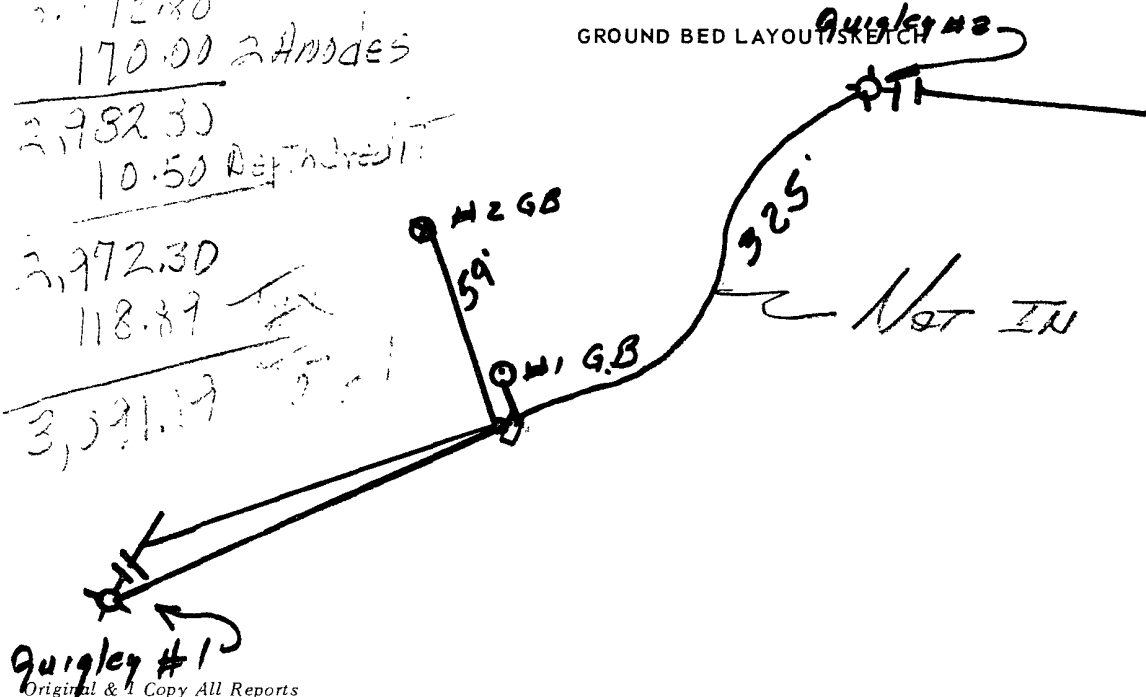
2,972.30
118.89 Tax

3,091.19 Total

All Construction Completed

Daveels
 (Signature)

GROUND BED LAYOUT SKETCH



Guigley #1
 Original & 1 Copy All Reports

DRILLING DEPARTMENT

DAILY DRILLING REPORT

C.P.S. # 44-W

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

12-5-73 - 44W Log Sheet Page 1 of 2

MW	gals/mol
18 C ₁	6.4
30 C ₂	9.56
44 C ₃	10.42
58 C ₄	12.38
72 C ₅	11.93
86 C ₆	13.85
100 C ₇	13.71
114 C ₈	15.50
128 C ₉	15.57
142 C ₁₀	17.2
156 C ₁₁	17.46
170 C ₁₂	19.38
184 C ₁₃	19.64
198 C ₁₄	21.07

MW	MISC	gals/mol
44 CO ₂		9.38
58 H ₂ S		11.17
72 N ₂		11.50
86 H ₂		11.38

60		240	4	420	5	Driller said wet
			6		1.1	at 65 & 170'
70		30	5	30	1.2	Big water at 340'
	5		5		1.1	Water Standing at 340'
80	5	60	6	40	1.0	Log 340 to 477
	8		5		6	Fill with water to 170'
90	6	70	5	50	4	Log to 340
	5		5		6	Fill to 65 & Log to 170
100	8	80	6	60	5	Tag Bottom 431'
	7		6		1.7	
110	5	90	5	70	2.3	
	4		5			
120	3	300	1.3	80		
	3		1.8			
130	5	10	1.9	90		
	7		1.5			
140	6	20	1.1			
	5		9			
150	6	30	6			
	7		8			
160	6	40	9			
	1.2		1.6			
170	1.4	50	1.4			
	1.3		6			
180	7	60	5			
	6		7			
190	4	70	1.5			
	4		1.7			
200	4	80	1.7			
	4		1.3			
10	5	90	7			
	5		7			
20	5	400	8			
	5		9			
30	5	10	8			
	5		5			

NOTE: This Page Logged
With Water

12-6-73-44W

Logsheet Page 2 of 2

MW	gas/mol
18	C ₁ 6.4
20	C ₂ 3.56
24	C ₃ 10.42
28	ICA 12.38
30	NC ₄ 11.93
32	IC ₄ 13.85
36	NC ₅ 13.71
36	IC ₅ 15.50
40	GA 15.57
100	IC ₇ 17.2
114	C ₇ 17.46
114	C ₈ 19.38
114	C ₉ 9.64
42	C ₁ 9.57

MW	MISC	gas/mol
44	CO ₂	0.39
34	H ₂ O	5.12
28	N ₂	4.16
2	H ₂	1.38

65	5	245	.7	425	.9	Note: This Page Logged With Drilling Fluid in Hole Mixed Mud & Clean out to 500'		
70	.6	50	.6	30	1.4			
	.6		.7		1.3			
80	7	60	.8	40	1.1			
	1.0		.7		1.0	Vent Perf 400' Pump 48 Slurry 27 = 75 Total		
90	.8	70	.6	50	.6			
	.8		.7		.6			
100	1.0	80	.7	60	.6			
	1.0		.7		1.2	Log wtr		
10	.8	90	.6	70	2.5			
	.5		.6		2.7			
20	5	300	1.0	80	2.5			
	.5		2.0	86 TD	2.6	1 468 2.2 2.1 3.4 2 443 1.1 1.2 1.8 3 430 1.4 1.3 2.0 4 405 1.0 9 1.4 5 390 1.0 1.4 2.1 6 380 2.0 2.0 3.0 7 370 1.8 1.7 2.5 8 350 1.7 2.1 3.2 9 340 1.5 1.3 2.3 10 320 1.4 1.4 2.4 11 310 2.0 2.2 3.4 12 300 1.0 1.7 2.6		
30	.7	10	2.0	90				
	1.0		1.8					
40	9	20	1.4	500				
	.7		1.1			12.0 V 12.2 A 0.98		
50	.8	30	.8					
	.9		1.2					
60	.8	40	1.5					
	1.5		2.0			122 11.20.0 10.98		
70	1.8	50	1.7					
	1.5		.8					
80	1.1	60	.6					
	.8		.8			1020		
90	.6	70	1.8					
	.6		1.9					
200	.6	80	2.0					
	.6		1.6			1020		
10	.6	90	1.0					
	.7		.8					
20	.7	400	.9					
	.8		1.0			1020		
30	.6	10	.9					
	.7		.7					
40	.8	20	.6					