

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: qb #2

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 7500		Lost Circulation Mat'l Used	
Anode Depth		Total Lbs. Coke Used		No. Sacks Mud Used	
# 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		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12.0	Amps 12.2	Ohms .98	64		

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'

112,000.00
570.00
12.00 Cable

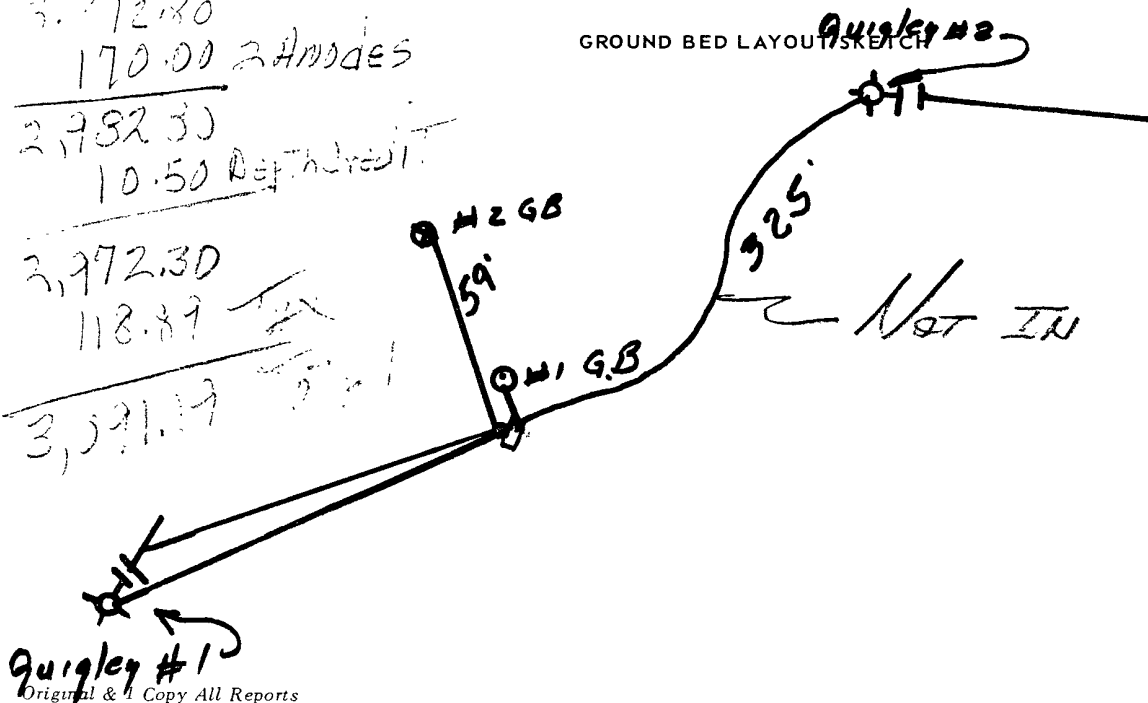
3.12.80
170.00 2 Anodes

2,982.30
10.50 Depth credit

2,972.30
118.89 Tax

3,091.19 Total

GROUND BED LAYOUT SKETCH



All Construction Completed

Dave
 (Signature)

Guigley #1
 Original & Copy All Reports

DAILY DRILLING REPORT

C.P.S. # 44-W

[illegible]

SIGNED: Toolpusher

But know

Company Supervisor _____

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

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	i-C ₄ 12.38
72	n-C ₄ 11.93
86	i-C ₅ 13.85
100	n-C ₅ 13.71
114	i-C ₆ 15.50
128	n-C ₆ 15.37
142	i-C ₇ 17.2
156	n-C ₇ 17.46
170	i-C ₈ 19.38
184	n-C ₈ 19.54
198	i-C ₉ 21.3

MW	gas/mol
44	CO ₂ 0.36
16	H ₂ 0.75
28	N ₂ 4.10
2	H ₂ 1.38

60		240	4	420	5	Driller's sand 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	TD 77		
120	3	300	1.3	80		
	3		1.8			
130	5	10	1.9	90		
	7		1.5			
140	6	20	1.1	500		
	5		.9			
150	6	30	6			
	7		8			
160	6	40	9	1.1		
	1.2		1.6	1.6		
170	1.2	50	1.4	1.6		
	1.3		6	.7		
180	9	60	5	.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
16	4.4
20	9.56
44	10.42
58	12.38
72	13.93
86	15.48
100	17.03
114	18.58
128	20.13
142	21.68

MW	MISC	gas/mol
44	CO ₂	0.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

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					
90	.8	70	.6	50	.6	Vent Perf 400' Pump #8 Slurry 27 = 75 Total				
	.8		.7		.6					
100	1.0	80	.7	60	.6					
	1.0		.7		1.2					
10	.8	90	.6	70	2.5					
	.5		.6		2.7	Log wtr				
20	5	300	1.0	80	2.6					
	.5		2.0	86 TD	2.6					
30	.7	10	2.0	90						
	1.0		1.8							
40	9	20	1.4	500		1	468	2.2	2.1	3.4
	.7		1.1			2	423	1.1	1.2	1.8
50	.8	30	.8			3	430	1.4	1.3	2.0
	.9		1.2			4	405	1.0	.9	1.4
60	.8	40	1.5			5	390	1.0	1.4	2.1
	1.5		2.0			6	380	2.0	2.0	3.0
70	1.8	50	1.7			7	370	1.8	1.7	2.5
	1.5		.8			8	350	1.7	2.1	3.2
80	1.1	60	.6			9	340	1.5	1.3	2.3
	.8		.8			10	320	1.4	1.4	2.4
90	.6	70	1.8			11	310	2.0	2.2	3.4
	.6		1.9			12	300	1.0	1.7	2.6
200	.6	80	2.0			12.0 V 12.2 A 0.98 122/1290 10.8 1.020				
	.6		1.6							
10	.6	90	1.0							
	.7		.8							
20	.7	400	.9							
	.8		1.0							
30	.6	10	.9							
	.7		.7							
40	.8	20	.6							