

1 = 30039-06798
2 = 30039-06797 4843

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. 34 Twp 27 Rng 5

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

cps 707w

Elevation 6505' Completion Date 8/4/72 Total Depth 700' 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. 160'

RECEIVED

Depths gas encountered: N/A

MAY 31 1991

Type & amount of coke breeze used: 9800 lbs.

OIL CON. DIV
DIST. 3

Depths anodes placed: 665', 655', 645', 585', 575', 535', 525', 475', 445', 270'

Depths vent pipes placed: N/a

Vent pipe perforations: 600'

Remarks: qgb #2 FIRST 700' HOLE ABANDONED.

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

8-4-7
7-25-7
Completion Date: 8-4-7

Drilling Log (Attach Hereto) ☐

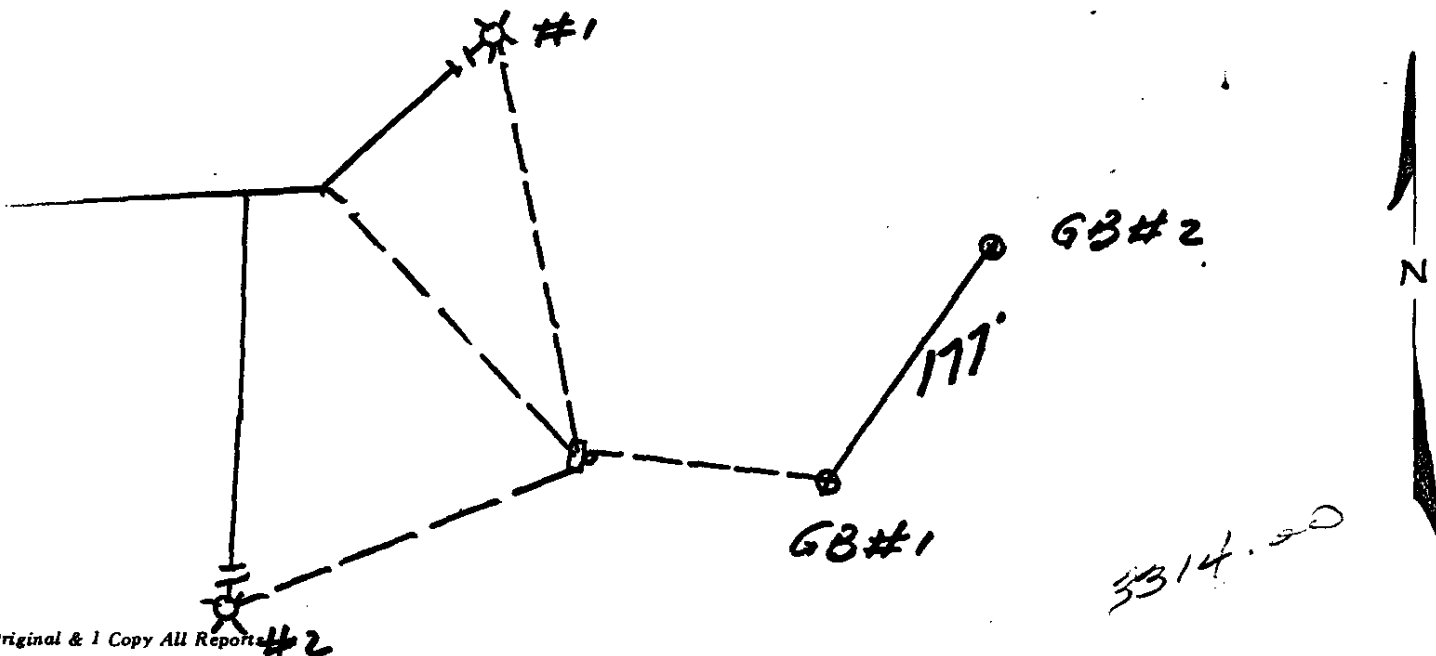
Well Name Reuter #1 & 2		Location SW34-27-5		CPS No. 707W	
Type & Size Bit Used 6 3/4				Work Order No. 52506 184-54183-50	
Anode Hole Depth 700	Total Drilling Rig Time	Total Lbs. Coke Used 9800 EST.	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 665	#2 655	#3 645	#4 585	#5 575	#6 535
#7 525	#8 475	#9 445	#10 270		
Anode Output (Amps)					
#1 2.8	#2 4.1	#3 3.8	#4 2.8	#5 2.4	#6 2.6
#7 2.8	#8 2.8	#9 2.8	#10 3.0		
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 11.6	Amps 12.2	Ohms 0.95			

Remarks: **Driller said water at 160'**
Vent Perforated 600'
Pump 500 Shovels
Slurry 180 Shovels

All Construction Completed

Poulek - Darrels
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

1972

EVENING

[illegible]

Hole #2

7070 - 9:00 AM 8-4-72 X=13.7A

air to 340

MW	gals/mol
16	0.4
18	0.5
20	0.6
22	0.7
24	0.8
26	0.9
28	1.0
30	1.1
32	1.2
34	1.3
36	1.4
38	1.5
40	1.6
42	1.7
44	1.8
46	1.9
48	2.0
50	2.1
52	2.2
54	2.3
56	2.4
58	2.5
60	2.6
62	2.7
64	2.8
66	2.9
68	3.0
70	3.1
72	3.2
74	3.3
76	3.4
78	3.5
80	3.6
82	3.7
84	3.8
86	3.9
88	4.0
90	4.1
92	4.2
94	4.3
96	4.4
98	4.5
100	4.6

MW	gals/mol
16	0.4
18	0.5
20	0.6
22	0.7
24	0.8
26	0.9
28	1.0
30	1.1
32	1.2
34	1.3
36	1.4
38	1.5
40	1.6
42	1.7
44	1.8
46	1.9
48	2.0
50	2.1
52	2.2
54	2.3
56	2.4
58	2.5
60	2.6
62	2.7
64	2.8
66	2.9
68	3.0
70	3.1
72	3.2
74	3.3
76	3.4
78	3.5
80	3.6
82	3.7
84	3.8
86	3.9
88	4.0
90	4.1
92	4.2
94	4.3
96	4.4
98	4.5
100	4.6

160	5	40	5	20	1.2	Driller Solid Lubrication			
	5		6		2.0	Vent Perf 600			
70	4	50	5	30	1.7				
	4		5		1.4				
80	4	60	7	40	1.2				
	6		5		1.1				
90	5	70	4	50	.9	1 665	1.7	2.8	
	5		4		1.0	2 655	1.8	4.1	
200	6	80	4	60	1.0	3 645	2.0	3.8	
	6		4		.7	4 585	1.5	2.8	
10	1.1	90	4	70	1.0	5 575	1.3	2.4	
	1.2		4		1.8	6 535	1.3	2.6	
20	1.3	400	1.8	80	2.0	7 525	1.8	2.6	
	1.4		.8		1.8	8 475	1.4	2.8	
30	1.2	10	.7	90	1.1	9 445	1.6	2.8	
	.7		.7		.9	10 270	1.5	3.0	
40	.7	20	.6	600	.7				
	.6		.6		.7				
50	.7	30	.6	10	.6				
	.9		.8		.8				
60	1.3	40	1.0	20	.7				
	1.9		2.1		.7				
20	2.0	50	.9	30	.7				
	1.2		.7		1.0				
80	1.0	60	.7	40	1.6				
	1.0		.7		2.5				
90	.2	70	1.2	50	2.6				
	.5		1.7		1.5				
300	.4	80	1.5	60	.9				
	.5		1.1		1.7				
10	.5	90	1.0	70	2.1				
	.6		.9		1.7				
20	1.2	500	.8	80					
	1.2		.8	30	2.4				
30	1.1	10	.7	90					
	.7		.8						

11.6 V

12.2 A

.95

12.2 / 11.6

109.9

620

DAILY DRILLING REPORT

C.P.S. # 707-W

LEASE

MORNING

WELL NO. #1 - #12 CONTRACTOR

RIG NO.

REPORT NO.

DATE

19

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	180	Org Soil				210	280	Soil									
170	180	Wet Sand (Lumpy)				280	290	Shale									
180	240	SAND				290	700	Sand									
240	260	Shale															
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			Vis.			Time			Vis.			Time			Vis.		
FROM			TO			FROM			TO			FROM			TO		
TIME BREAKDOWN						TIME BREAKDOWN						TIME BREAKDOWN					

REMARKS -

REMARKS -

REMARKS -

Abandoned this hole
OKS

SIGNED: Toolpusher

Dale M...

Company Supervisor

Hole #1

Abandoned this Hole
OHSReuter #1 $x = 6.2$ Reuter #2 $x = 5.5$ 707W $H_c = 1.0 = 13.7A$

230	1.2	1.0	410	.7	.7	90	.6	Driller said water @ 170'
	1.1	.6		1.0	.6		.6	water standing @ 230'
240	.6	.6	20	.5	.6	600	.5	
	.6	.8		.5	.7		.6	vent hose per Appx 520'
250	.7	.8	30	.4	.6	10	.6	
		.8		.6	.6		.5	logged to 445' water
260	.8	1.1	40	.5	.9	20	1.1	Enough Rope for 445'
	.8	.8		.5	.6		1.6	switched to 445' rope
270	1.0	2.0	50	.8	.30	2.5		To top'
	1.0	1.6		1.0		2.3		Installed pump
280	1.7	.8	60	1.1	40	1.0		Attempt to install pump
	.7	.7		1.1		.9		3:00 PM 3 Bottom cables
290	.5	.6	70	2.0	50	2.0		Tight Hole covered from
	.7	.6		1.9		1.9		800' down
300	.6	.4	80	1.4	60	1.5		
	.4	.4		1.1		1.4		
10	.4	.4	90	1.0	70	1.3		
	.4	.5		1.0		1.3		
20	.4	1.4	500	1.1	77			DOT
	1.3	1.2		1.0				
30	1.2	1.2	10	1.0				Depth water
	1.2	.5		1.5		1	660	1.5
40	.6	.5	20	2.0		2	650	1.9
	.4	.5		1.6		3	625	1.9
50	.4	.5	30	1.4		1	575	1.5
	.4	.5		1.0		2	565	1.4
60	.4	.6	40	1.0		3	525	1.5
	.4	.6		1.1		4	515	1.5
70	.4	.5	50	1.0		5	480	1.4 - No Good
	.4	.4		.9		6	470	1.5 -
80	.4	.4	60	.9		7	320	1.1
	.3	.4		1.8		8	275	1.3
90	.3	.5	70	2.0		9	265	1.3
	.3	.5		1.5				
400	.4	.5	80	.9				
	.3	1.1		.9				