

2- 30-045-09442
5- 30-045-20779
13- 30-045-26599

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. 14 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced GRAMBLING C #2, #5, #13

cps 251w

Elevation 6500' Completion Date 10/31/73 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. 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: 6300 lbs.

Depths anodes placed: 350', 341', 332', 323', 256', 248', 185', 175', 145', 120'

Depths vent pipes placed: N/A

Vent pipe perforations: 270'

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.

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

375
10/31/73

Drilling Log (Attach Hereto). ☐

Completion Date 10/31/73

Well Name Grumbling c#2 & c#3				Location SW 14 - 30N - 10W				CPS No. 251W	
Type & Size Bit Used 6 3/4 "								Work Order No. 52057 & 54849	
Anode Hole Depth 400		Total Drilling Rig Time		Total Lbs. Coke Used 6,300		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Depth									
# 1 350	# 2 341	# 3 332	# 4 323	# 5 256	# 6 248	# 7 185	# 8 175	# 9 145	# 10 120
Anode Output (Amps)									
# 1 1.2	# 2 1.9	# 3 3.3	# 4 2.7	# 5 3.6	# 6 3.1	# 7 3.7	# 8 3.4	# 9 3.9	# 10 3.6
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 12.0		Ohms 0.97		52'			

Remarks: Driller said water @ 100'. water standing @ 370' After 30 min stop drilling Filled with water logged from 120' VENT NOSE Perforated 270' Pumped 46 sacks Slurry 17 sacks

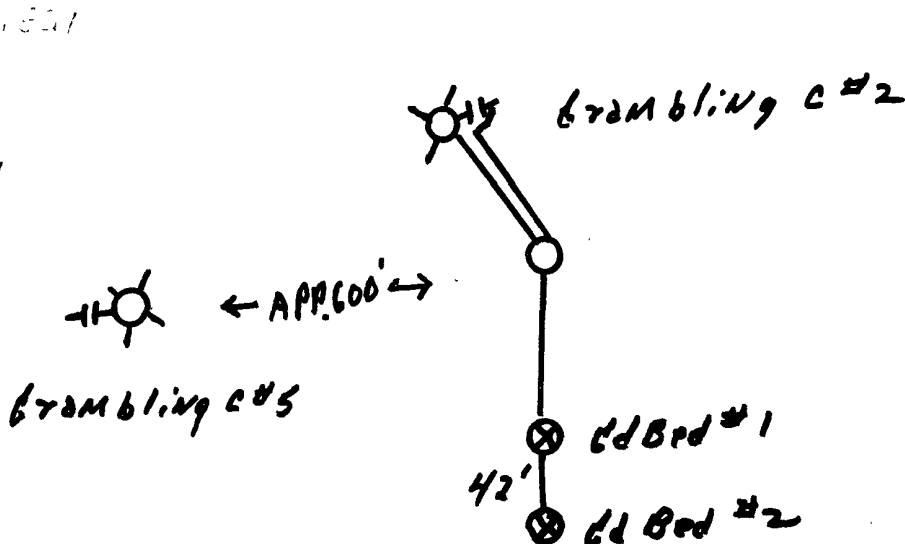
\$2,550.00
472.20 coke
9.40 cable

All Construction Completed

Eduard R. Paulok
(Signature)

GROUND BED LAYOUT SKETCH

2,712.20
127.50 Depth 2.501
2,580.70
121.23
2,501.12 TOTAL



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

C.P.S. # 251-W

LEASE _____ WELL NO. _____ CONTRACTOR M. Max RIG NO. _____ REPORT NO. _____ DATE 10-31 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	100 60	Py Sand			150	170	Py Sand			270	300	Snd		
60	100	Wet Sand (Witter)			170	190	Shale			300	310	Shale		
100	145	Snd			190	250	Sand			310	350	Snd		
115	150	Shale			250	270	Shale			350	370	Shale		

NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____	
BIT NO. _____		BIT NO. _____		BIT NO. _____		BIT NO. _____		BIT NO. _____	
SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____		SERIAL NO. _____	
SIZE _____		SIZE _____		SIZE _____		SIZE _____		SIZE _____	
TYPE _____		TYPE _____		TYPE _____		TYPE _____		TYPE _____	
MAKE _____		MAKE _____		MAKE _____		MAKE _____		MAKE _____	
TOTAL DEPTH _____		TOTAL DEPTH _____		TOTAL DEPTH _____		TOTAL DEPTH _____		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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -

SIGNED: Toolpusher D. M. Max Company Supervisor _____

25/4

MW		gals/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
72	IC ₅	13.85
86	NC ₅	13.71
86	IC ₆	15.50
100	C ₆	15.57
100	IC ₇	17.2
114	C ₇	17.46
114	C ₈	19.38
128	C ₉	19.64
142	C ₁₀	19.67

MISC		
MW		gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

100			80			Driller said water @ 100'		
.7			.7			water standing @ 370'		
.4			.8			After 30 min		
10			90			Filled with water		
.3			.9			logged & on 120'		
.5			1.2			V.P.T. hasp for drilled 270'		
20			300					
.7			.8					
.4			.9					
30			10					
.3			.8					
.3			.9					
40			20					
.4			1.1					
.6			1.7					
50			30			water		
.4			2.1			coke		
.9			2.1			2.2		
60			40			2.9		
.4			1.9			3.3		
.4			1.7			2.7		
70			50			3.6		
.8			1.5			3.1		
.8			1.0			3.7		
80			60			3.4		
.8			.9			3.9		
90			70			3.6		
.5			.6					
.3			.7					
200			80			11.7 12.0 0.97		
.3			.9					
.3			1.1					
10			90					
.3			1.1					
.3			397.867					
20			400					
.3								
.2								
30								
.3								
.3								
40								
.4								
.4								
50								
.8								
1.7								
60								
1.7								
.5								
70								
.5								
.5								