

#1 = 30-045-07490

#7 = 30-045-20918

4785

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

Operator MERIDIAN OIL Location: Unit NE Sec. 16 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced HARDIE E #1, #7

cps 652w

Elevation 6441' Completion Date 8/10/73 Total Depth 560' 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. 340'

Depths gas encountered: N/A

Type & amount of coke breeze used: 8600 lbs.

Depths anodes placed: 537', 529', 521', 513', 505', 497', 489', 481', 473', 390', 37'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 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

Completion Date **8-10-73**

Drilling Log (Attach Hereto). ☐

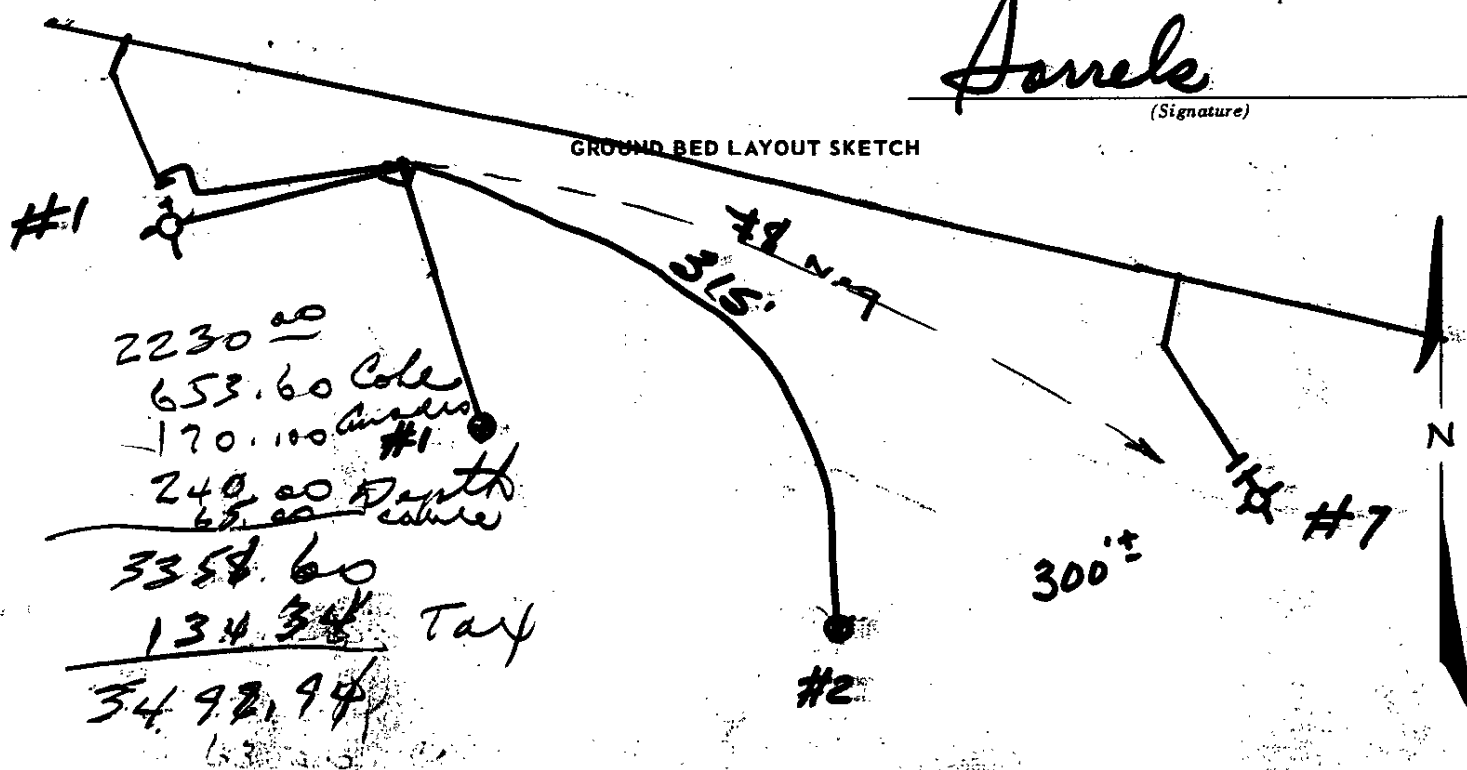
Well Name Hardie E#1 & E#7		Location NE16-28-8		CPS No. 652W	
Type & Size Bit Used 6 3/4				Work Order No. 53169 & 55166	
Anode Hole Depth 460.560	Total Drilling Rig Time 8,600	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 537	#2 529	#3 521	#4 513	#5 505	#6 497
#7 489	#8 481	#9 473	#10 390		
Anode Output (Amps)					
#1 2.5	#2 1.6	#3 1.4	#4 1.1	#5 1.5	#6 1.6
#7 1.5	#8 1.2	#9 1.1	#10 1.1		
Anode Depth					
#11 370	#12 360	#13	#14	#15	#16
#17	#18	#19	#20		
Anode Output (Amps)					
#11 1.5	#12 1.5	#13	#14	#15	#16
#17	#18	#19	#20		
Total Circuit Resistance				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.4	Amps 6.5	Ohms 1.75			

Remarks: **vent Perf. 200; Pump 63 Slurry 23 Total 86**
Driller Said wet at 340-360, Drill to 440. Return Stopped
Pull up & Remove Boot at 340, Blew water out at 440.
on way Back to Bottom, Driller Said Coming From 340
wtr. injection to 550, Change to Mod, Drill to 560
lost Circ.

All Construction Completed

Areale
(Signature)

GROUND BED LAYOUT SKETCH



652W - 8-10-73

350	5	530	17	Drill 550 with air - No Return
	8		2.2	Chng to wt. & Mud to 550 To 560
60	1.0	40	2.1	Couldnt Keep Circ -
	1.1	43	1.8	Stop Drill 12:30 A.M.
70	9-	44	1.0	Log - 9:30 A.M.
	1			Driller said Damp at 590
80	.6	<u>Waive Guarantee</u>		Drill to 440, Pull up to Remove
	.8			Boot around pipe at 340
90	.8			Blew wtr. out at 400 going
	.7			Back to Bottom - Driller think
400	.7			wtr coming from 300
	.7			Vent Perf. 200
10	.7			Pump 63 Slurry 23 Total 186
	.7			
20	.7	12	360	10 1.0 1.5
	.6	14	370	9 1.0 1.5
30	.6	10	390	8 8 1.1
	.6	9	473	8 8 1.1
40	.6	8	481	10 9 1.2
	.6	7	489	11 10 1.5
50	.6	6	497	12 1.1 1.6
	.6	5	505	8 1.0 1.5
60	.7	4	513	8 .7 1.1
	.8	3	521	10 .9 1.4
70	.8	2	529	16 10 1.6
	.9	1	537	21 19 2.5
80	1.0			
	1.1			11.4 V 6.5 A = 1.25
90	1.2			
	1.4			
500	1.0			
	.8			
10	.8			
	.8			
20	1.0			
	1.1			

3 1.75
 6.5 / 11.4
 65
 496
 1455
 350