

4569

30-045-09092

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

Operator MERIDIAN OIL Location: Unit SE Sec. 28 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced TURNER #3,

TURNER #1A

cps 66w

Elevation 5841' Completion Date 11/23/71 Total Depth 340' 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. 120'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 280', 255', 245', 235', 225', 215', 205', 195'

Depths vent pipes placed: 300'

Vent pipe perforations: 230'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 11-23-71

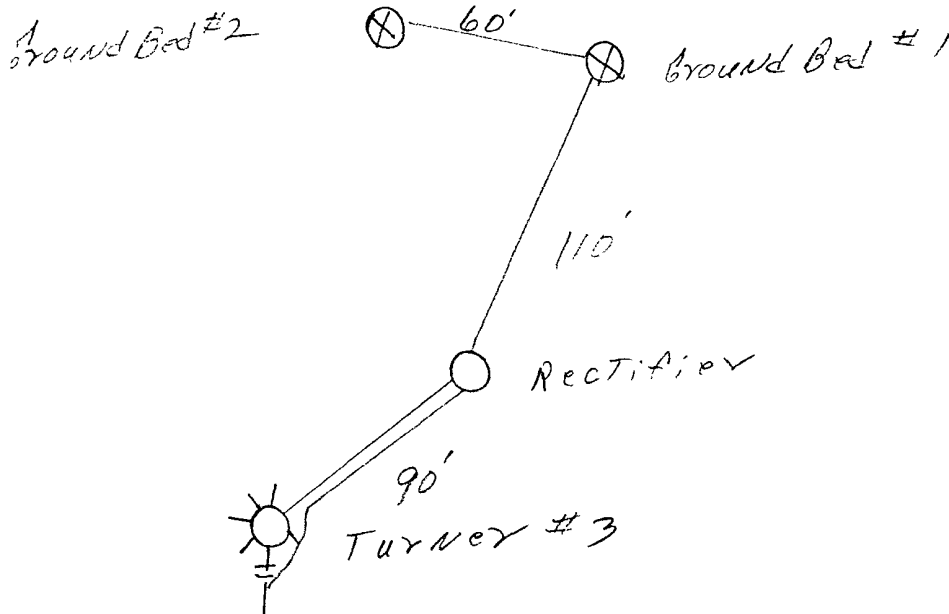
Well Name <u>TURNER # 3</u>		Location <u>SE 28-30N-9W</u>		CPS No. <u>66 W</u>	
Type & Size Bit Used <u>6 7/8</u>				Work Order No. <u>184-54226-50-20</u>	
Anode Hole Depth <u>340 - (226)</u>	Total Drilling Rig Time		Total Lbs. Coke Used	Lost Circulation Mat'l Used	
Anode Depth					
# 1 <u>300</u>	# 2 <u>290</u>	# 3 <u>280</u>	# 4 <u>255</u>	# 5 <u>245</u>	# 6 <u>235</u>
# 7 <u>225</u>	# 8 <u>215</u>	# 9 <u>205</u>	# 10 <u>195</u>		
Anode Output (Amps)					
# 1 <u>5.0</u>	# 2 <u>5.3</u>	# 3 <u>4.7</u>	# 4 <u>4.5</u>	# 5 <u>4.7</u>	# 6 <u>4.8</u>
# 7 <u>5.5</u>	# 8 <u>5.1</u>	# 9 <u>5.2</u>	# 10 <u>4.8</u>		
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 <u>12.6</u>	Amps <u>19.6</u>	Ohms <u>0.63</u>			

Remarks: Drilled with air & injection - water at 120' over night.
Vent to No. 1 Anode, Perforated 230'
Pump 357 5' - 10' = Est. 51 bags of sludge
Slurry 150 shovels = Est 21 Bags

All Construction Completed

Conrad (Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

C. P. S. # 66 - 4

[illegible]

SIGNED: Toolpusher Joe Morrow

____ Company Supervisor

66W

11-23-71

MW		gals/mol
16	C ₁	6.4
30	C ₂	9.56
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.38
28	C ₂	9.64
42	C ₃	9.67

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

Depth	Temp	Time	Wtr	Coke
10	1.45	3:00	2.8	
	1.55		2.9	
30	1.24	3:10	2.5	
	1.33		3.0	
40	1.72	3:20	2.7	
	1.78	26	Bottom	
50	1.68			
	1.40			
60	1.43			
	2.0			
70	2.9			
	2.7			
80	2.7			
	2.7			
90	2.7			
	3.0			
3:00	3.3			
	3.4			
3:10	3.2			
	3.4			
20	3.4			
	3.7			
30	3.4			
	3.0			
40	3.0			
	2.3			
50	3.0			
	3.1			
60	2.5			
	2.4			
70	2.2			
	2.8			
80	3.3			
	3.6			
90	3.2			
	2.9			

$12.8 \times 19.0 \div 4 = 0.63$
 Vent Perforated 230'
 Pump: 359 Shovels = 513095

$19.0 \times 12.00 = 228.00$
 $19.0 \times 4.00 = 76.00$
 $228.00 - 76.00 = 152.00$