

4- 30-045-09826
300 30-045-26946

3498

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

Operator MERIDIAN OIL INC. Location: Unit SW Sec. 3 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL J #4, #300

cps 2005w

Elevation 6200' Completion Date 9/2/70 Total Depth 410' 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. 60'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIST. ?

Type & amount of coke breeze used: 85 SACKS

Depths anodes placed: 340', 330', 320', 295', 285', 275', 180', 170', 160', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #2 ANODES #3 & #4 ARE SINGLE ALL OTHERS ARE IN PAIRS.

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). ☐

GROUND BED NO. 2

Contract By EPS. #300

Completion Date 9-2-70

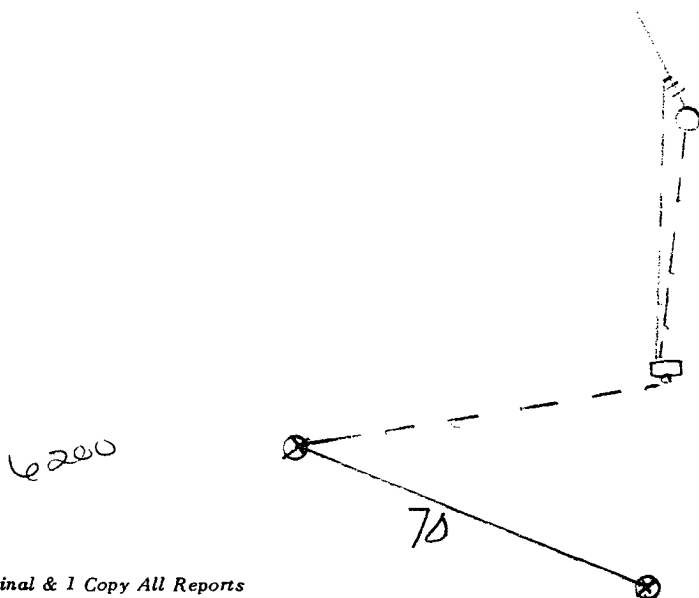
Well Name Howell No. "J" - 4		Location SW 3-30-8		CPS No. 204W 20054	
Type & Size Bit Used 6 3/4				Work Order No. 184-54090-50-20	
Anode Hole Depth 410'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 340	# 2 330	# 3 320	# 4 295	# 5 285	# 6 275
# 7 180	# 8 170	# 9 160	# 10 150		
Anode Output (Amps)					
# 1 3.7	# 2 3.7	# 3 2.3	# 4 1.8	# 5 2.4	# 6 2.4
# 7 4.5	# 8 4.5	# 9 5.4	# 10 5.4		
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 12.0	Amps 11.5	Ohms 1.04			

Remarks: Drill 60' With Jir, Blew water to surface. Inject to 230'
Filler Pipe stuck in hole - move rig back & drill out to 350'
Anodes 3 & 4 are single - all others in Pairs.
Pump 15 sacks coke - Slurry 70

All Construction Completed

Asuris
(Signature)

GROUND BED LAYOUT SKETCH



60 with air - Inject to 230

204W 2005W 11.5 Ah

MW	gas/mol
20	0.4
40	0.55
60	0.7
80	0.85
100	1.0
120	1.15
140	1.3
160	1.45
180	1.6
200	1.75
220	1.9
240	2.05
260	2.2
280	2.35
300	2.5

50	1.0	30	1.18		
	1.7		1.38		
60	1.85	40	1.42	1	340
	1.1		1.35	2	330
70	1.25	50	1.4	3	320
	1.85		1.35	4	295
80	2.0	60	1.35	5	295
	2.5		1.34	6	275
90	2.3	70	1.35	7	180
	2.2		1.80	8	170
100	2.3	80	2.4	9	160
	1.3		2.4	10	150
10	1.26	90	2.4		
	1.25		2.0		
20	1.24	300	1.45		
	1.45		1.38		
30	2.2	10	1.50		
	2.4		2.2		
40	2.5	20	2.3		
	2.2		2.2		
50	2.5	80	2.4		
	2.6		2.4		
60	2.6	40	2.4		
	2.5		1.65		
70	2.5	50	1.45		
	2.3		1.35		
80	2.3	60	1.36		
	1.52		2.0		
90	1.42	70	1.7		
	1.28		1.4		
20	1.25	85	1.25		
	1.1		1.15		
10	1.15	90	1.15		
	1.22		1.15		
20	1.2	400	1.20		
			1.02		

water

142	=	3.6	-	4.0
3		2.5	-	2.5
4		2.5	-	2.0
506		2.5	-	2.5
708		4.0	-	4.7
8010		4.5	-	5.6

MW	gas/mol
20	0.4
40	0.55
60	0.7
80	0.85
100	1.0
120	1.15
140	1.3
160	1.45
180	1.6
200	1.75
220	1.9
240	2.05
260	2.2
280	2.35
300	2.5