

APPENDIX DATA

ATTACHMENT G: WIPP BOREHOLE UPDATE

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WIPP BOREHOLES

2 The Department of Energy (DOE) prepared DOE/WIPP 95-2092, Rev. 1, Waste Isolation Pilot
3 Plant Borehole Data Report (CCA Appendix BH) to serve as a central document providing data
4 on boreholes used in characterizing the site. The report contained a comprehensive database on
5 wells drilled in support of the WIPP and boreholes that were located within the 16-section Land
6 Withdrawal Area.

7 This report was categorized into seven groups of boreholes: commercially drilled boreholes,
8 DOE wells, geologic exploration boreholes, hydrologic test boreholes, potash boreholes,
9 subsurface exploration boreholes, and Water Quality Sampling Program boreholes. There were
10 179 boreholes in the report. At the time of the CCA, 80 of those boreholes were being used as
11 monitoring wells. The rest of the boreholes were plugged and abandoned after being drilled for
12 their specific purpose, i.e., potash information, hydrocarbon information, or WIPP site
13 characterization information.

14 This report updates all of the monitoring wells identified in CCA Appendix BH and adds the new
15 monitoring wells drilled since the initial certification. This report also adds the wells that were in
16 use but inadvertently omitted from CCA Appendix BH.

Table DATA-G-1. Monitoring Well Status

Well Name	CCA Monitoring Status	CRA Monitoring Status	Depth	Year Drilled	Year Plugged
AEC-7	Culebra	Culebra	4734 ft	1974	N/A
AEC-8	Bell Canyon	Bell Canyon	4922 ft	1974	N/A
B-1	Observation	Observation	58 ft	1978	N/A
B-1A	Observation	Observation	13 ft	1978	N/A
B-4	Observation	Observation	39 ft	1978	N/A
B-4A	Observation	Observation	14 ft	1978	N/A
B-13	Observation	Observation	28 ft	1978	N/A
B-16	Observation	Observation	31 ft	1978	N/A
B-18	Observation	Observation	33 ft	1978	N/A
B-20	Observation	Observation	14 ft	1978	N/A
B-20A	Observation	Observation	34 ft	1978	N/A
B-38	Observation	Observation	50 ft	1979	N/A
B-54	Observation	Observation	210 ft	1979	N/A
D-268	Culebra	Rancher's Water Well	1411 ft	1984	1999
DOE-1	Culebra	Culebra	4057 ft	1982	N/A
DOE-2	Culebra	Magenta	4325 ft	1984	N/A
ERDA-9	Culebra	Culebra	2886 ft	1976	N/A
H-1	Culebra/Magenta	Plugged	856 ft	1976	2001
H-2A	Culebra	Culebra	672 ft	1977	N/A
H-2B1	Magenta	Magenta	661 ft	1977	N/A

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Table DATA-G-1. Monitoring Well Status — Continued

Well Name	CCA Monitoring Status	CRA Monitoring Status	Depth	Year Drilled	Year Plugged
H-2B2	Culebra	Culebra	660 ft	1984	N/A
H-2C	Magenta	Culebra	795 ft	1977	N/A
H-3B1	Magenta	Magenta	902 ft	1976	N/A
H-3B2	Culebra	Culebra	725 ft	1983	N/A
H-3B3	Magenta	Culebra	730 ft	1983	N/A
H-3D	Dewey Lake	Dewey Lake	554 ft	1987	N/A
H-4A	not in use	Plugged	532 ft	1978	2000
H-4B	Culebra	Culebra	529 ft	1978	N/A
H-4C	Magenta	Magenta	661 ft	1978	N/A
H-5A	Culebra	Culebra	930 ft	1978	N/A
H-5B	Culebra	Culebra	925 ft	1978	N/A
H-5C	Magenta	Magenta	1076 ft	1978	N/A
H-6A	Culebra	Culebra	637 ft	1978	N/A
H-6B	Culebra	Culebra	640 ft	1978	N/A
H-6C	Culebra	Culebra	741 ft	1978	N/A
H-7A	not in use	Plugged	154 ft	1979	2000
H-7B1	Culebra	Culebra	286 ft	1979	N/A
H-7B2	Culebra	Culebra	295 ft	1983	N/A
H-7C	not in use	not in use	420 ft	1979	N/A
H-8A	Magenta	Magenta	505 ft	1979	N/A
H-8B	not in use	Rancher's Water Well	624 ft	1979	1987
H-8C	Rustler	Rustler	808 ft	1979	N/A
H-9A	Culebra	Plugged	692 ft	1979	2002
H-9B	Culebra	Culebra	708 ft	1979	N/A
H-9C	Culebra	Magenta	816 ft	1979	N/A
H-10A	Magenta	Magenta	1318 ft	1979	N/A
H-10B	Magenta	Plugged	1398 ft	1979	2002
H-10C	not in use	Culebra	1550 ft	1979	N/A
H-11B1	Culebra	Culebra	785 ft	1983	N/A
H-11B2	Culebra	Magenta	776 ft	1983	N/A
H-11B3	Culebra	Plugged	789 ft	1983	2002
H-11B4	not in use	Culebra	765 ft	1988	N/A
H-12	Culebra	Culebra	1001 ft	1983	N/A
H-14	Culebra	Magenta	589 ft	1986	N/A
H-15	Culebra	Magenta	900 ft	1986	N/A
H-16	Dewey Lake	not in use	851 ft	1987	N/A

Table DATA-G-1. Monitoring Well Status — Continued

Well Name	CCA Monitoring Status	CRA Monitoring Status	Depth	Year Drilled	Year Plugged
H-17	Culebra	Culebra	880 ft	1987	N/A
H-18	Culebra	Magenta	840 ft	1987	N/A
H-19B0	not in use	Culebra	779 ft	1995	N/A
H-19B2	not in use	Culebra	785 ft	1995	N/A
H-19B3	not in use	Culebra	785 ft	1995	N/A
H-19B4	not in use	Culebra	782 ft	1995	N/A
H-19B5	not in use	Culebra	786 ft	1995	N/A
H-19B6	not in use	Culebra	788 ft	1995	N/A
H-19B7	not in use	Culebra	785 ft	1995	N/A
P-14	Culebra	Plugged	1545 ft	1976	1999
P-15	Culebra	Plugged	1465 ft	1976	2002
P-17	Culebra	Culebra	1660 ft	1976	N/A
P-18	Culebra	Plugged	1998 ft	1976	2002
WIPP-12	Culebra	Culebra	3928 ft	1978	N/A
WIPP-13	Culebra	Culebra	3856 ft	1978	N/A
WIPP -18	Culebra	Magenta	1060 ft	1978	N/A
WIPP-19	Culebra	Culebra	1038 ft	1978	N/A
WIPP-21	Culebra	Culebra	1045 ft	1978	N/A
WIPP-22	Culebra	Culebra	1450 ft	1978	N/A
WIPP-25	Culebra/Magenta	Culebra/Magenta	650 ft	1978	N/A
WIPP-26	Culebra	Culebra	503 ft	1978	N/A
WIPP-27	Culebra/Magenta	Culebra	592 ft	1978	N/A
WIPP-28	Rustler	Plugged	801 ft	1978	1999
WIPP-29	Culebra	Culebra	377 ft	1978	N/A
WIPP-30	Culebra/Magenta	Culebra/Magenta	913 ft	1978	N/A
WQSP-1	Culebra	Culebra	737 ft	1994	N/A
WQSP-2	Culebra	Culebra	846 ft	1994	N/A
WQSP-3	Culebra	Culebra	879 ft	1994	N/A
WQSP-4	Culebra	Culebra	800 ft	1994	N/A
WQSP-5	Culebra	Culebra	681 ft	1994	N/A
WQSP-6	Culebra	Culebra	617 ft	1994	N/A
WQSP-6A	Dewey Lake	Dewey Lake	225 ft	1994	N/A
Wells Inadvertently Omitted From Appendix BH of the CCA					
CB-1	Culebra	Culebra/Bell Canyon	4291 ft	1974	N/A
D-207	Potash/plugged	Plugged	1613 ft	1958	1958
H-19B	Not in Use/Capped	not in use/capped	40 ft	1995	N/A
H-19B1	plugged	Plugged	733 ft	1995	1995

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Table DATA-G-1. Monitoring Well Status — Continued

Well Name	CCA Monitoring Status	CRA Monitoring Status	Depth	Year Drilled	Year Plugged
I-457	Potash/plugged	Plugged	1885 ft	1976	1976
New Monitoring Wells Drilled During the First CRA Time Period					
C-2505	N/A	Santa Rosa/Dewey Lake	97 ft	1996	N/A
C-2506	N/A	Santa Rosa/Dewey Lake	69 ft	1996	N/A
C-2507	N/A	Santa Rosa/Dewey Lake	73 ft	1996	N/A
C-2737	N/A	Culebra/Magenta	710 ft	2001	N/A
C-2811	N/A	Santa Rosa/Dewey Lake	80 ft	2001	N/A
ES-001	N/A	Plugged	54 ft	1996	1996
ES-002	N/A	Plugged	19 ft	1996	1996
PZ-1	N/A	Santa Rosa	68 ft	1997	N/A
PZ-2	N/A	Santa Rosa	65 ft	1997	N/A
PZ-3	N/A	Santa Rosa	71 ft	1997	N/A
PZ-4	N/A	Santa Rosa	65 ft	1997	N/A
PZ-5	N/A	Santa Rosa	72 ft	1997	N/A
PZ-6	N/A	Santa Rosa	66 ft	1997	N/A
PZ-7	N/A	Santa Rosa	72 ft	1997	N/A
PZ-8	N/A	Santa Rosa	68 ft	1997	N/A
PZ-9	N/A	Santa Rosa	82 ft	1997	N/A
PZ-10	N/A	Santa Rosa	57 ft	1997	N/A
PZ-11	N/A	Santa Rosa	82 ft	1997	N/A
PZ-12	N/A	Santa Rosa	72 ft	1997	N/A

1 Individual Well Reports

2 This section provides data on the plugged wells and the new wells drilled during the CRA
 3 monitoring period (July 1995 through September 2002).

4 C-2505

5 Location: T22S-R31E-20	Spud Date: 09/23/1996	Total Depth: 97 ft
6 Status: Monitoring Well	Completed: 09/24/1996	Elevation: 3413 ft
7 Hole Size: 0-97 ft = 7 7/8"	Stratigraphy: 0-9 = Holocene Deposits	
8 Casing Size: 0-65 ft = 4 1/2" PVC	9-12 = Mescalero Caliche Formation	
9	12-49 = Gatuña Formation	
10	49-54 = Santa Rosa Formation Sandstone	
11	54-65 = Dewey Lake Formation Redbeds	

1 C-2506
 2 Location: T22S-R31E-20 Spud Date: 09/25/1996 Total Depth: 69 ft
 3 Status: Monitoring Well Completed: 09/25/1996 Elevation: 3413 ft
 4 Hole Size: 0-69 ft = 7 7/8" Stratigraphy: 0-10 = Holocene Deposits
 5 Casing Size: 0-65 ft = 4 1/2" PVC 10-48 = Gatuña Formation
 6 48-54 = Santa Rosa Formation Sandstone
 7 54-65 = Dewey Lake Formation Redbeds

8 C-2507
 9 Location: T22S-R31E-20 Spud Date: 10/01/1996 Total Depth: 73 ft
 10 Status: Monitoring Well Completed: 10/02/1996 Elevation: 3410 ft
 11 Hole Size: 0-73 ft = 7 7/8" Stratigraphy: 0-10 = Holocene Deposits
 12 Casing Size: 0-69 ft = 4 1/2" PVC 10-40 = Gatuña Formation
 13 40-54 = Santa Rosa Formation Sandstone
 14 54-69 = Dewey Lake Formation Redbeds

15 C-2737
 16 Location: T22S-R31E-29 Spud Date: 02/14/2001 Total Depth: 710 ft
 17 Status: Monitoring Well Completed: 03/09/2001 Elevation: 3397 ft
 18 Hole Size: 0-710 ft = 12 1/4" Stratigraphy: 35-40 = Santa Rosa Formation Sandstone
 19 Casing Size: 0-700 ft = 7" Fiberglass 40-505 = Dewey Lake Formation Redbeds
 20 505-561 = Forty-niner Member
 21 561-584 = Magenta Dolomite Member
 22 584-675 = Tamarisk Member
 23 675-698 = Culebra Dolomite Member
 24 698-710 = Los Medaños Member

25 C-2811
 26 Location: T22S-R31E-29 Spud Date: 03/12/2001 Total Depth: 80 ft
 27 Status: Monitoring Well Completed: 03/12/2001 Elevation: 3399 ft
 28 Hole Size: No Report Stratigraphy: 0-10 = Holocene Deposits
 29 Casing Size: 0-80 ft = 2" PVC 10-48 = Gatuña Formation
 30 48-54 = Santa Rosa Formation Sandstone
 31 54-65 = Dewey Lake Formation Redbeds

32 CB-1
 33 Location: T23S-R31E-05 Spud Date: 05/31/1974 Total Depth: 4299 ft
 34 Status: Monitoring Well Completed: 02/08/1975 Elevation: 3320 ft
 35 Casing Size: 0-650 ft = 13 3/8"
 36 Notes: Originally drilled as a hydrocarbon exploration well. Before the operator plugged and
 37 abandoned the well, it was turned over to DOE to be utilized as a monitoring well. Currently
 38 used to monitor the Culebra Dolomite Member and Bell Canyon Formation.

1 D-207

2 Location: T22S-R31E-19 Spud Date: 06/15/1958 Total Depth: 1613 ft
 3 Status: Plugged Completed: 07/03/1958 Elevation: No Report
 4 Plug Date: 07/03/1958
 5 Notes: Potash core hole located on the Land Withdrawal Area. Hole was filled with cement and
 6 brine water from total depth to 560 ft. From that depth to the surface, it was filled with cuttings
 7 and soil.

8 D-268

9 Location: T22S-R30E-35 Spud Date: 07/10/1984 Total Depth: 1411 ft
 10 Status: Rancher's Water Well Completed: 07/26/1984 Elevation: No Report
 11 Hole Size: No Report Stratigraphy: No Report
 12 Casing Size: 0-528 ft = 8 5/8"
 13 Notes: Originally drilled as a potash core test, it was converted to a monitoring well in 1988.
 14 Plugged back to 493 ft and converted to a water well for livestock use in 1999. Ownership
 15 transferred.

16 ES-001

17 Location: T22S-R31E-20 Spud Date: 10/02/1996 Total Depth: 54 ft
 18 Status: Plugged Completed: 10/02/1996 Elevation: 3413 ft
 19 Plug Date: 10/02/1996
 20 Notes: Backfilled to land surface. Drill cuttings and bentonite gel used to plug well.

21 ES-002

22 Location: T22S-R31E-20 Spud Date: 10/03/1996 Total Depth: 19 ft
 23 Status: Plugged Completed: 10/03/1996 Elevation: 3413 ft
 24 Plug Date: 10/03/1996
 25 Notes: Backfilled to land surface with drill cuttings and bentonite gel used to plug well.

26 H-1

27 Location: T22S-R31E-29 Spud Date: 05/20/1976 Total Depth: 856 ft
 28 Status: Plugged Completed: 06/10/1976 Elevation: 3400 ft
 29 Plug Date: 02/19/2001
 30 Casing Size: 0-848 ft = 7"
 31 Notes: Plugged to surface with cement.

32 H-4A

33 Location: T22S-R31E-05 Spud Date: 04/30/1978 Total Depth: 532 ft
 34 Status: Plugged Completed: 05/23/1978 Elevation: 3333 ft
 35 Plug Date: 10/25/2000
 36 Casing Size: 0-364 ft = 5 1/2"
 37 Notes: Plugged to surface with cement.

1 H-7A
2 Location: T23S-R30E-14 Spud Date: 09/18/1979 Total Depth: 154 ft
3 Status: Plugged Completed: 10/18/1979 Elevation: 3164 ft
4 Plug Date: 06/23/2000
5 Casing Size: 0-109 ft = 7"
6 Notes: Plugged to surface with cement.

7 H-8B
8 Location: T24S-R30E-23 Spud Date: 08/06/1979 Total Depth: 624 ft
9 Status: Rancher's Water Well Completed: 08/12/1979 Elevation: 3434 ft
10 Casing Size: 0-574 ft = 7"
11 Notes: Turned over to rancher for livestock use in 1987.

12 H-9A
13 Location: T24S-R31E-04 Spud Date: 07/09/1979 Total Depth: 692 ft
14 Status: Plugged Completed: 09/05/1979 Elevation: 3407 ft
15 Plug Date: 02/11/2002
16 Casing Size: 0-570 ft = 7"
17 Notes: Plugged to surface with cement.

18 H-10B
19 Location: T23S-R32E-20 Spud Date: 10/07/1979 Total Depth: 1398 ft
20 Status: Plugged Completed: 10/13/1979 Elevation: 3689 ft
21 Plug Date: 01/31/2002
22 Casing Size: 0-1346 ft = 7"
23 Notes: Well bore was plugged with cement from the bottom to the surface.

24 H-11B3
25 Location: T22S-R31E-33 Spud Date: 12/01/1983 Total Depth: 789 ft
26 Status: Plugged Completed: 01/04/1984 Elevation: 3412 ft
27 Plug Date: 08/28/2002
28 Casing Size: 0-733 ft = 5 1/2"
29 Notes: Well was plugged with cement from the bottom to the surface.

30 H-19B
31 Location: T22S-R31E-28 Spud Date: xx/xx/1995 Total Depth: 40 ft
32 Status: Capped Completed: xx/xx/1995 Elevation: 3417 ft
33 Casing Size: 0-38 ft = 20"
34 Notes: Cap welded on surface casing.

1 H-19B1
2 Location: T22S-R31E-28 Spud Date: 02/14/1995 Total Depth: 733 ft
3 Status: Plugged Completed: 03/19/1995 Elevation: 3417 ft
4 Plug Date: 03/19/1995
5 Notes: Well was plugged and abandoned because drilling tools stuck in the hole were not
6 retrievable.

7 I-457
8 Location: T22S-R31E-27 Spud Date: 07/08/1976 Total Depth: 1885 ft
9 Status: Plugged Completed: 07/22/1976 Elevation: 3460 ft
10 Plug Date: 07/22/1976
11 Notes: Potash core hole, plugged with cement and all casings recovered.

12 P-14
13 Location: T22S-R30E-24 Spud Date: 09/24/1976 Total Depth: 1545 ft
14 Status: Plugged Completed: 10/04/1976 Elevation: 3358 ft
15 Plug Date: 08/26/1999
16 Casing Size: 0-775 ft = 4 1/2"
17 Notes: Hole was plugged back from 1545 ft to 775 ft with cement and converted to monitoring
18 well in 1979. Plugged in 1999 with 200 ft³ of cement from 775 ft to the surface.

19 P-15
20 Location: T22S-R31E-31 Spud Date: 10/04/1976 Total Depth: 1465 ft
21 Status: Plugged Completed: 10/15/1976 Elevation: 3310 ft
22 Plug Date: 02/11/2002
23 Casing Size: 0-635 ft = 4 1/2"
24 Notes: In 1977, well was plugged back to 620 ft. and converted to monitoring well. Plugged in
25 2002 with cement from the bottom to the surface, leaving 210 ft of casing in hole.

26 P-18
27 Location: T22S-R31E-26 Spud Date: 10/19/1976 Total Depth: 1998 ft
28 Status: Plugged Completed: 11/06/1976 Elevation: 3479 ft
29 Plug Date: 02/28/2002
30 Casing Size: 0-1138 ft = 4 1/2"
31 Notes: Converted to monitoring well in 1977 by plugging back well to 1125 ft. Abandoned and
32 plugged in 2002 with cement from the well bottom to the surface.

33 PZ-1
34 Location: T22S-R31E-20 Spud Date: 06/23/1997 Total Depth: 68 ft
35 Status: Monitoring Well Completed: 07/10/1997 Elevation: 3413 ft
36 Hole Size: 0-68 ft = 6 5/8" Stratigraphy: 40-56 = Santa Rosa Sandstone
37 Casing Size: 0-62 ft = 2" PVC 56-68 = Dewey Lake Redbeds

1	<u>PZ-2</u>		
2	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 65 ft
3	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3413 ft
4	Hole Size: 0-65 ft = 6 5/8"	Stratigraphy: 0-9 = Holocene Deposits	
5	Casing Size: 0-62 ft = 2" PVC	9-12 = Mescalero Caliche Formation	
6		12-39 = Gatuña Formation	
7		39-57 = Santa Rosa Formation Sandstone	
8		57-65 = Dewey Lake Formation Redbeds	
9	<u>PZ-3</u>		
10	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 71 ft
11	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3416 ft
12	Hole Size: 0-71 ft = 6 5/8"	Stratigraphy: 0-8 = Holocene Deposits	
13	Casing Size: 0-65 ft = 2" PVC	8-10 = Mescalero Caliche Formation	
14		10-38 = Gatuña Formation	
15		38-63 = Santa Rosa Formation Sandstone	
16		63-71 = Dewey Lake Formation Redbeds	
17	<u>PZ-4</u>		
18	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 65 ft
19	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3412 ft
20	Hole Size: 0-65 ft = 6 5/8"	Stratigraphy: 0-9 = Holocene Deposits	
21	Casing Size: 0-60 ft = 2" PVC	9-12 = Mescalero Caliche Formation	
22		12-31 = Gatuña Formation	
23		31-57 = Santa Rosa Formation Sandstone	
24		57-65 = Dewey Lake Formation Redbeds	
25	<u>PZ-5</u>		
26	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 72 ft
27	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3415 ft
28	Hole Size: 0-72 ft = 6 5/8"	Stratigraphy: 0-7 = Holocene Deposits	
29	Casing Size: 0-65 ft = 2" PVC	7-9 = Mescalero Caliche Formation	
30		9-36 = Gatuña Formation	
31		36-63 = Santa Rosa Formation Sandstone	
32		63-72 = Dewey Lake Formation Redbeds	
33	<u>PZ-6</u>		
34	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 66 ft
35	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3413 ft
36	Hole Size: 0-66 ft = 6 5/8"	Stratigraphy: 0-7 = Holocene Deposits	
37	Casing Size: 0-62 ft = 2" PVC	7-9 = Mescalero Caliche Formation	
38		9-32 = Gatuña Formation	
39		32-55 = Santa Rosa Formation Sandstone	
40		55-66 = Dewey Lake Formation Redbeds	

1	<u>PZ-7</u>		
2	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 72 ft
3	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3414 ft
4	Hole Size: 0-72 ft = 6 5/8"	Stratigraphy: 0-8 = Holocene Deposits	
5	Casing Size: 0-71 ft = 2" PVC	8-10 = Mescalero Caliche Formation	
6		10-30 = Gatuña Formation	
7		30-69 = Santa Rosa Formation Sandstone	
8		69-72 = Dewey Lake Formation Redbeds	
9	<u>PZ-8</u>		
10	Location: T22S-R31E-21	Spud Date: 06/23/1997	Total Depth: 68 ft
11	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3418 ft
12	Hole Size: 0-68 ft = 6 5/8"	Stratigraphy: 0-7 = Holocene Deposits	
13	Casing Size: 0-68 ft = 2" PVC	7-9 = Mescalero Caliche Formation	
14		9-31 = Gatuña Formation	
15		31-60 = Santa Rosa Formation Sandstone	
16		60-68 = Dewey Lake Formation Redbeds	
17	<u>PZ-9</u>		
18	Location: T22S-R31E-21	Spud Date: 06/23/1997	Total Depth: 82 ft
19	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3421 ft
20	Hole Size: 0-82 ft = 6 5/8"	Stratigraphy: 0-8 = Holocene Deposits	
21	Casing Size: 0-75 ft = 2" PVC	8-11 = Mescalero Caliche Formation	
22		11-36 = Gatuña Formation	
23		36-75 = Santa Rosa Formation Sandstone	
24		75-82 = Dewey Lake Formation Redbeds	
25	<u>PZ-10</u>		
26	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 57 ft
27	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3406 ft
28	Hole Size: 0-57 ft = 6 5/8"	Stratigraphy: 0-6 = Holocene Deposits	
29	Casing Size: 0-54 ft = 2" PVC	6-9 = Mescalero Caliche Formation	
30		9-28 = Gatuña Formation	
31		28-46 = Santa Rosa Formation Sandstone	
32		46-57 = Dewey Lake Formation Redbeds	
33	<u>PZ-11</u>		
34	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 82 ft
35	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3419 ft
36	Hole Size: 0-82 ft = 6 5/8"	Stratigraphy: 0-10 = Holocene Deposits	
37	Casing Size: 0-71 ft = 2" PVC	10-13 = Mescalero Caliche Formation	
38		13-34 = Gatuña Formation	
39		34-71 = Santa Rosa Formation Sandstone	
40		71-82 = Dewey Lake Formation Redbeds	

1 PZ-12

2	Location: T22S-R31E-20	Spud Date: 06/23/1997	Total Depth: 72 ft
3	Status: Monitoring Well	Completed: 07/10/1997	Elevation: 3409 ft
4	Hole Size: 0-72 ft = 6 5/8"	Stratigraphy: 0-6 = Holocene Deposits	
5	Casing Size: 0-64 ft = 2" PVC	6-8 = Mescalero Caliche Formation	
6		8-39 = Gatuña Formation	
7		39-62 = Santa Rosa Formation Sandstone	
8		62-72 = Dewey Lake Formation Redbeds	

9 WIPP-28

10	Location: T21S-R31E-18	Spud Date: 08/07/1978	Total Depth: 801 ft
11	Status: Plugged	Completed: 08/28/1978	Elevation: 3349 ft
12	Plug Date: 11/29/1999		
13	Notes: All casing was removed and hole was plugged with cement.		