

Well Completion Summary Information for EWDP Phases I and II

Well ID	Well Type	Well Status	Start Drilling Date	Drilling/Well Completion Date	Total Depth	Survey Coordinates		Ground Elevation	Approximate Open Hole Water Level at End of Drilling	Screened Interval(s)	Sand Pack, Open Hole, or Caved Interval(s)	Lithology at Sand Pack, Open Hole, or Caved Intervals	Westbay Packer Interval(s)	Well Casing Type	Well Casing Depth	Well Casing Outside Diameter
						(feet, bgs ^b)	Latitude									
1DX	Monitor Well - Multiple Completion	Completed	12/10/1998	4/6/1999	2500.0	36 42' 33.526"	116 35' 18.003"	2635.10	55	Shallow: 52.9-72.1 Intermediate: NA Deep: 2160-2240	39.5-72.5 none 2160-2240 ^e	Spring Dep./Alluvium NA ^e Tertiary Sediments	NA	PVC Steel Steel	72.1 1375.9 2294.7	2 3/8 2 3/8 2 3/8
1S	Monitor Well - Multiple Screen	Completed	1/27/1999	2/3/1999	340.0	36 42' 33.386"	116 35' 17.880"	2634.91	52	160.0-180.0 210.0-270.0	151.8-189.3 203.7-321.0 321.0-340.0 ^j	Tertiary Welded Tuff Tertiary Welded Tuff Tertiary Welded Tuff	158-188 208-340	Steel	290.5	6 5/8
2DB	Monitor Well	Completed ^p	1/13/2000	10/13/2000	3075.6	36 39' 39.244"	116 27' 57.755"	2628.90	291°	NA	2685.1-3075.6 ^f	Basal Tertiary Sediments Paleozoic Carbonates	NA	Steel	2685.1	8 5/8
3S ^g	Monitor Well - Multiple Screen	Completed	2/6/1999	4/7/1999	550.0	36 40' 53.613"	116 32' 17.179"	2619.00	257°	249.8-269.8	238.5-274.1 295.6-550.0 ^f	Tertiary Bedded Tuff Tertiary Sediments	248-270 284-334 423-474	Steel	294.8	6 5/8
4PA	Piezometer	Completed	1/7/2000	1/13/2000	499.7	36 39' 24.559"	116 24' 18.483"	2700.20	345°	405.3-485.2	394.7-496.0	Alluvium	NA	Steel	495.2	2 7/8
4PB	Piezometer	Completed	1/18/2000	2/4/2000	849.5	36 39' 24.616"	116 24' 17.092"	2700.62	327	739.5-839.2	~718-849.5	Alluvium	NA	Steel	849.2	2 7/8
5S	Piezometer	TBA ^h	1/22/1999	2/24/1999	1200.0	36 40' 11.529"	116 22' 37.071"	2753.35	372°	601.4-779.9 ⁱ	591.4-790 790-1200 ^j	Alluvium	NA	PVC	790.0	2 7/8
5SB	Piezometer	Completed	2/4/2000	2/15/2000	499.4	36 40' 11.107"	116 22' 37.000"	2752.82	379°	379.3-489.0	366.0-499.4	Alluvium	NA	Steel	499.0	2 7/8
7S	Piezometer	Completed	2/23/2000	2/29/2000	53.2	36 43' 32.019"	116 33' 25.209"	2745.67	22	28.0-40.0	19.4-45.7 45.7-53.2 ^j	Paleospring Deposits	NA	Steel	45.0	2 7/8
7SC	Monitor Well - Multiple Screen	Completed	3/12/2000	2/2/2001	778.5	36 43' 31.822" ^q	116 33' 25.425" ^q	2751.0 ^q	25	80.0-90.0 180.0-210.0 270.0-370.0 429.8-449.8	75.9-99.8 164.7--220 262.9-379.3 422.4-470.0 470-778.5 ^j	Alluvium Tertiary Ash Fall Tuff Tertiary Sediments Tertiary Sediments Tertiary Sediments	74-96 178-214 268-372 426-778.5	Steel	459.7	6 5/8
9SX	Monitor Well - Multiple Screen	Completed	12/8/1998	1/9/1999	397.0	36 41' 44.567"	116 33' 46.769"	2615.81	99	90-120.1 140.1-160.1 250.1-290.1 330.1-340.1	85.0-126.1 134.8-167.1 245.4-295.6 325.0-360.5	Alluvium Alluvium Tertiary Tuff Tertiary Tuff	85-124 138-168 248-293 328-342	Steel	360.5	6 5/8
12PA	Piezometer	Completed	3/21/2000	3/27/2000	389.5	36 41' 37.152"	116 35' 12.768"	2541.70	171	324.7-384.4	317.5-389.5	Tertiary Reworked Tuff	NA	Steel	389.5	2 7/8
12PB	Piezometer	Completed	3/28/2000	4/3/2000	399.8	36 41' 38.039"	116 35' 14.089"	2541.50	171	325.0-384.7	316.2-399.8	Tertiary Reworked Tuff	NA	Steel	399.8	2 7/8
12PC	Piezometer	Completed	4/11/2000	4/11/2000	249.6	36 41' 38.539"	116 35' 14.126"	2540.88	177°	170.1-229.6	160.4-249.6	Alluvium	NA	Steel	249.6	2 7/8
15P	Piezometer	Completed	2/24/2000	2/27/2000	289.6	36 40' 11.257"	116 29' 53.278"	2580.31	210	200.1-259.9	191.0-274.5	Alluvium	NA	Steel	270.0	2 7/8
19D1	Monitor Well - Multiple Screen	Completed	3/11/2000	4/2/2000	1456.3	36 40' 13.963"	116 26' 56.410"	2686.65	348°	412.97-431.18 498.00-516.10 577.80-675.65 722.57-795.17 882.21-980.29 1122.13-1219.59 1296.74-1379.66	405.0-437.0 48.07-519.0 563.0-691.0 711.0-795.0 831.0-1061.0 1109.0-1220.0 1252.0-1456.3	Alluvium Alluvium Alluvium Alluvium Tertiary Ash Flow Tuff Tertiary Ash Flow Tuff Tertiary Sediments	NA	Steel	1421.9	7
19P	Piezometer	Completed	3/7/2000	3/14/2000	499.2	36 40' 14.659"	116 26' 55.910"	2687.50	366	359.2-458.6	351.5-474.5	Alluvium	NA	Steel	468.6	2 7/8
Washburn1X	Monitor Well - Multiple Completion	Completed	11/30/1998	12/13/1998	658.0	36 39' 50.772"	116 25' 26.835"	2701.35	Dry 357°	333.0-353.0 420.0-480.0	310.0-395.5 399.5-658.0	Alluvium Alluvium	NA	PVC PVC	353.0 510.0	1 7/8 7/8
3DB	Conductor Casing	TBD ^k	1/12/2000	1/20/2000	505.0	36 40' 52.601"	116 32' 17.216"	2613.55	NA	NA	NA	NA	NA	NA	NA	NA
12D	Conductor Casing	TBD	4/4/2000	4/6/2000	68.0	36 41' 37.057"	116 35' 13.992"	2541.21	NA	NA	NA	NA	NA	NA	NA	NA
15D	Conductor Casing	TBD	3/11/2000	4/6/2000	607.0	36 40' 10.874"	116 29' 52.158"	2581.82	NA	NA	NA	NA	NA	NA	NA	NA
1D ^l	Exploratory Borehole	Abandoned	12/2/1998	12/2/1998	57.7	NM ^m	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
2D	Exploratory Borehole	TBA ^h	1/10/1999	3/5/1999	1618.4	36 39' 38.524"	116 27' 56.831"	2628.71	312	NA	NA	NA	NA	NA	NA	NA
3D	Exploratory Borehole	TBC ⁿ	12/11/1998	4/8/1999	2500.0	36 40' 53.597"	116 32' 17.048"	2619.19	262	NA	521.7- ~960	Tertiary Tufts and Sediments	NA	Steel	521.7	7
9S ^l	Exploratory Borehole	Abandoned	12/3/1998	12/3/1998	100.0	36 41' 44.613"	116 33' 46.723"	2615.85	NA	NA	NA	NA	NA	NA	NA	NA
7SB ^l	Exploratory Borehole	Abandoned	3/8/2000	3/12/2000	102.5	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
19D	Exploratory Borehole	Abandoned	3/11/2000	4/19/2000	1437.1	36 40' 13.963"	116 26' 56.410"	2686.65	NA	NA	NA	NA	NA	NA	NA	NA

^a Official prefix of all new Nye County Wells

^b Below ground surface

^c Above mean sea level

^d Not applicable

^e Fractured cement grout replaces sand pack

^f Open hole interval

^g Further developed well and reinstalled Westbay System 4/07/01 minus upper packer

^h To be abandoned at a future date

ⁱ Screen section collapsed during development; well inoperative

^j Caved interval of borehole

^k To be deepened at a future date

^l Cored borehole

^m Not Measured

ⁿ To be completed at a future date

^o First stable water level after well completion

^p Possible further work after clean out/testing

^q Preliminary survey data only