

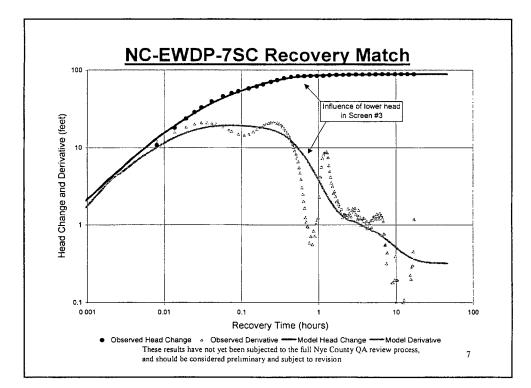
NC-EWDP-7SC Testing

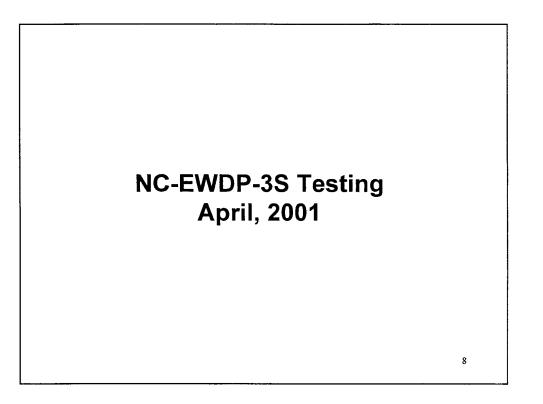
- A pump/spinner test was run on NC-EWDP-7SC. Four intervals are screened from 80-90 ft (Alluvium), 180-210 ft (Tertiary Ash Fall Tuff), 270-370 ft (Tertiary Sediments) and 430-450 ft (Tertiary Sediments). Most of the flow came from the upper two intervals, which have higher heads than the lower intervals.
- Results of a 48-hr pump test at 45 gpm, and 17-hr recovery indicate T = 1,950 ft²/day, k = 2.2 darcy. Permeability is 40x lower near the well (10-20 ft distance) because of lost circulation material (LCM) added while drilling. Progressive plugging was observed during pumping.
- Well NC-EWDP-7S showed a classic interference response.
 Well -7S is completed from 28-53 ft (Alluvium), and is 28 ft from well -7SC. T = 1,950 ft²/day, k = 2.2 darcy, S = 0.11 ft/ft.

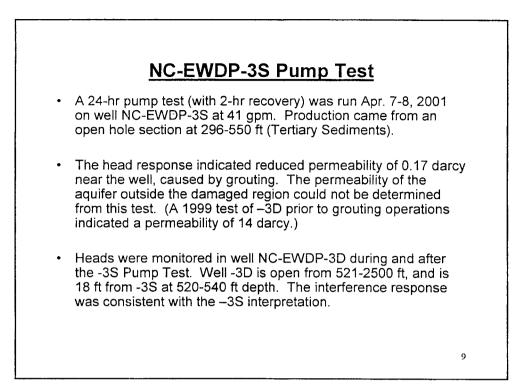
These results have not yet been subjected to the full Nye County QA review process, and should be considered preliminary and subject to revision

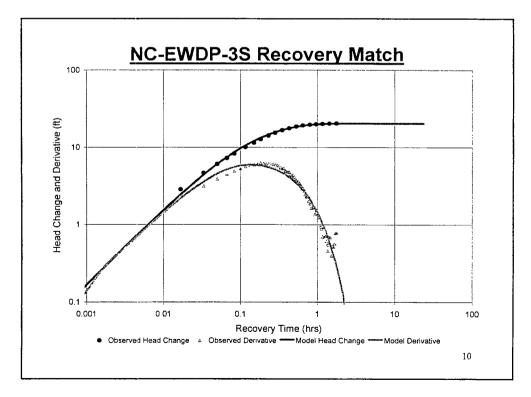
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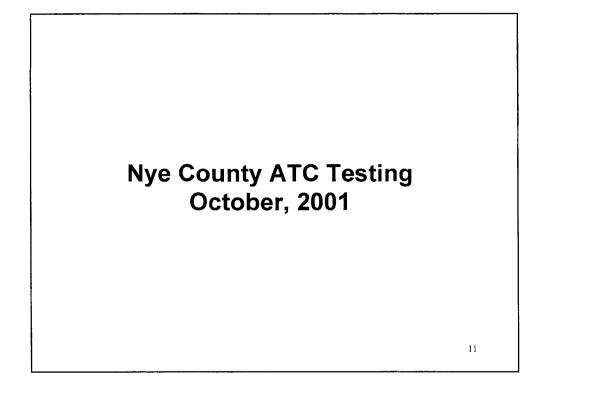
NC-EWDP-7SC Pump Test Results Recovery -> 20 0000 @ 8 40 00000 Depth to Water (feet) 60 യം ശ്ലായം പുറ്റായം എന്നെ പുറ 80 100 120 140 03/27/01 03/28/01 03/29/01 03/30/01 03/31/01 Date O Observed Depth to Water ----- Model Depth to Water These results have not yet been subjected to the full Nye County QA review process, 6 and should be considered preliminary and subject to revision.

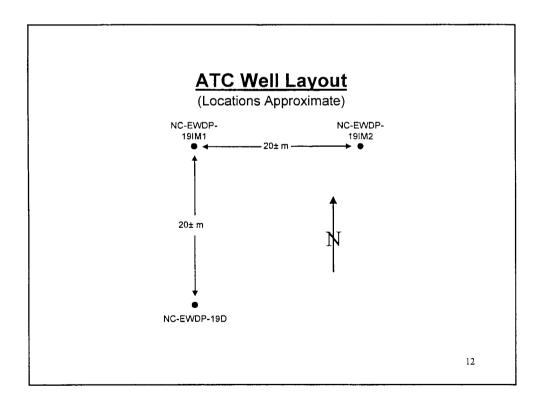








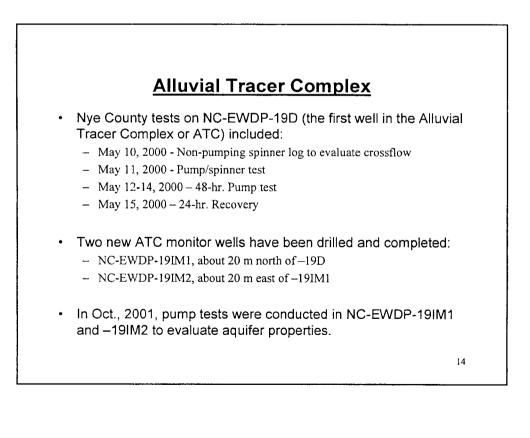




NC-EWDP-19D Wellbore Information

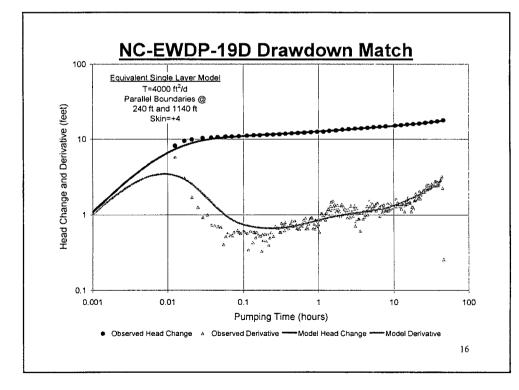
(-19IM1 and -19IM2 are Completed Similarly)

| Screen Number | Slotted Interval | | Gravel Pack | | Thickness | Rock |
|------------------|------------------|--------|-------------|--------|-----------|-----------------------|
| | Тор | Bottom | Тор | Bottom | (ft) | Туре |
| 1 | 413 | 431 | 409 | 437 | 29 | Alluvium |
| 2 | 498 | 516 | 490 | 519 | 29 | Alluvium |
| 3 | 578 | 676 | 568 | 691 | 123 | Alluvium |
| 4 | 723 | 795 | 717 | 795 | 78 | Alluvium |
| 5 | 882 | 980 | 834 | 1061 | 227 | Tuff |
| 6 | 1122 | 1220 | 1109 | 1220 | 111 | Tuff |
| 7 | 1297 | 1380 | 1253 | 1456 | 204 | Tertiary Sediments |



Review of May 2000 NC-EWDP-19D Testing

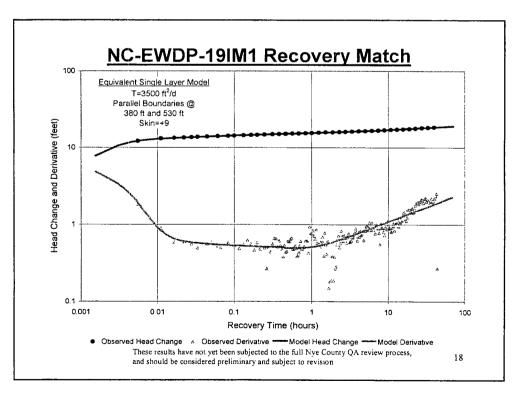
- Spinner and pump/spinner tests indicated:
 - The upper alluvial zones (Screens #1 and 2) contributed little flow.
 - Screen #3 had the greatest flow, followed by Screen #4.
 - Screen #5, at the top of the tuff, had higher head than the alluvial zones. Most of the flow from Screen #5 came from a fracture at 955 ft depth.
 - Screens #6 & 7 did not contribute significantly.
- Pump test results indicated:
 - Pumped at 156 gpm with 18 ft of drawdown.
 - $T = 4,000 \text{ ft}^2/\text{day}$, k = 2.3 darcy for h = 485 ft. open in Screens #1-5.
 - Multiple barriers are present, with flow occurring in a zone about 1400 ft wide (about 400 m).

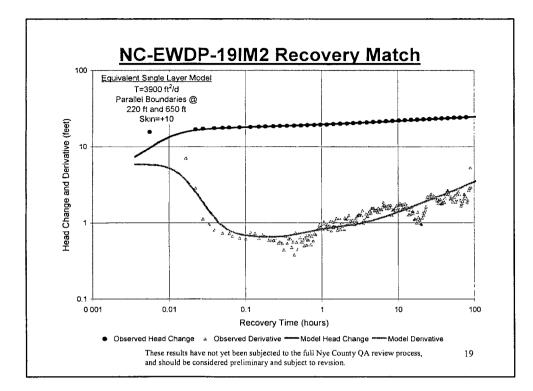


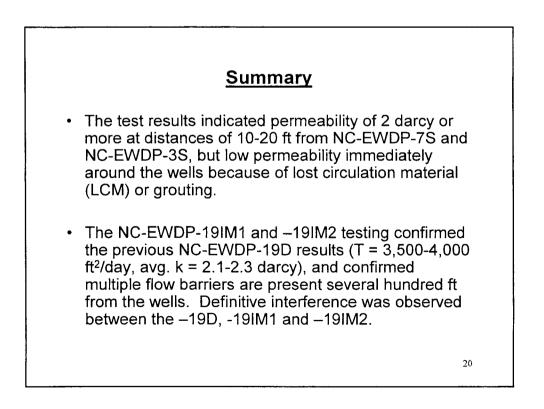
Oct. 2001 NC-EWDP-19IM1 & -19IM2 Pump Tests

- Pump tests were conducted on the new monitor wells:
 - IM1 49.5-hr. pump test 10/4-6/01 at 120 gpm with 72-hr. recovery
 - IM2 48-hr. pump test 10/9-11/01 at 156 gpm with 94-hr. recovery
- Preliminary results similar to that of –19D:
 - Permeability of 2.1 and 2.3 darcy for -IM1 and -IM2, respectively
 - Effect of multiple boundaries evident in the response of both tests
- The interference response of the non-pumping wells (-19D and -19P) is being evaluated.

These results have not yet been subjected to the full Nye County QA review process, and should be considered preliminary and subject to revision.

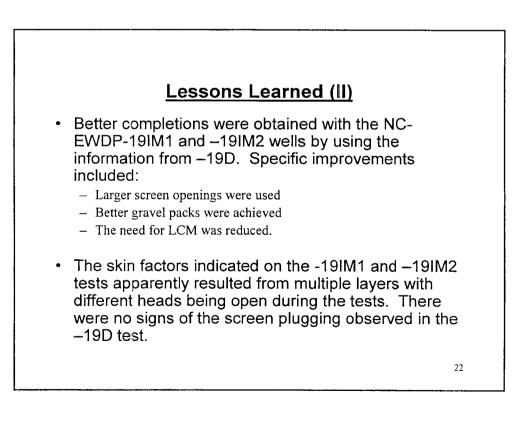


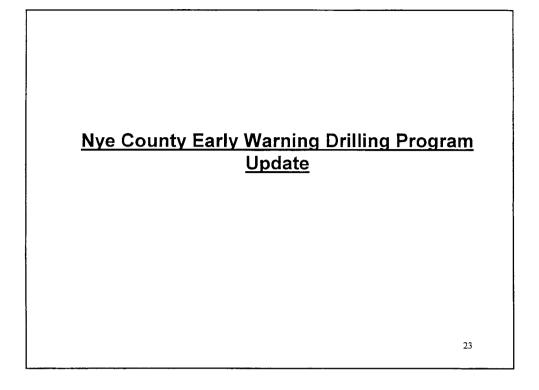


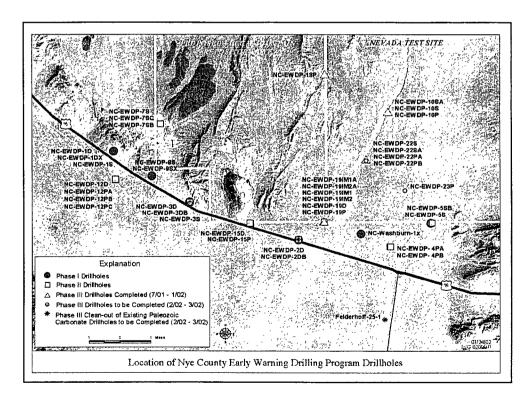


Lessons Learned

- Well testing has again demonstrated its usefulness at characterizing the aquifer system and identifying artifacts introduced during well drilling and completion.
- Drilling procedures have been changed to maintain sufficient distance between future shallow and deep wells at the same location to avoid drilling fluid movement between wells and the need for substantial grouting.







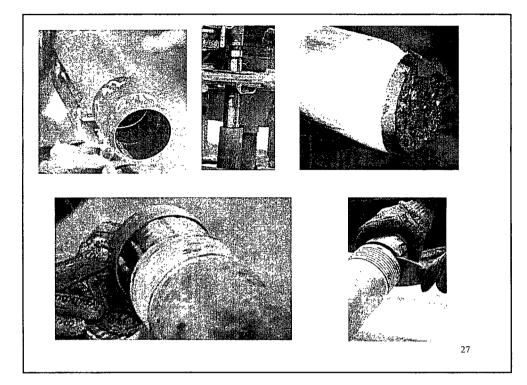
EWDP Phase III Progress

Drillholes Completed 7/01 - 1/02

- 4 Exploratory Boreholes ~ 900 1200 ft Deep
 NC-EWDP-19IM1A, -19IM2A, -10SA, -22SA
- 4 Multiple Screen Monitor Wells ~ 900 1200 ft Deep
 NC-EWDP-19IM1, -19IM2, -10S, -22S
- 3 Piezometers ~ 800 900 ft Deep
 - NC-EWDP-10P, -18P, -22PA

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EWDP Phase III Work To Be Completed (2/02-3/02)

Piezometer Drilling and Coring

- NC-EWDP-22PB Dual Completion -1200 ft Deep
 - Will Yield Drive Core, Hydraulic Gradient, & Water Chemistry Data
 - Will Support Future Nye County Tracer Tests
- NC-EWDP-23P Dual Completion 900 ft Deep
 - Will Yield Drive Core, Hydraulic Gradient, & Water Chemistry Data
- NC-EWDP-3D 1800 ft Single Completion
 - Cleanout Existing 2500 ft Borehole Currently Caved to ~800 ft
 - Will Yield Drive Core, Hydraulic Gradient & Water Chemistry Data

