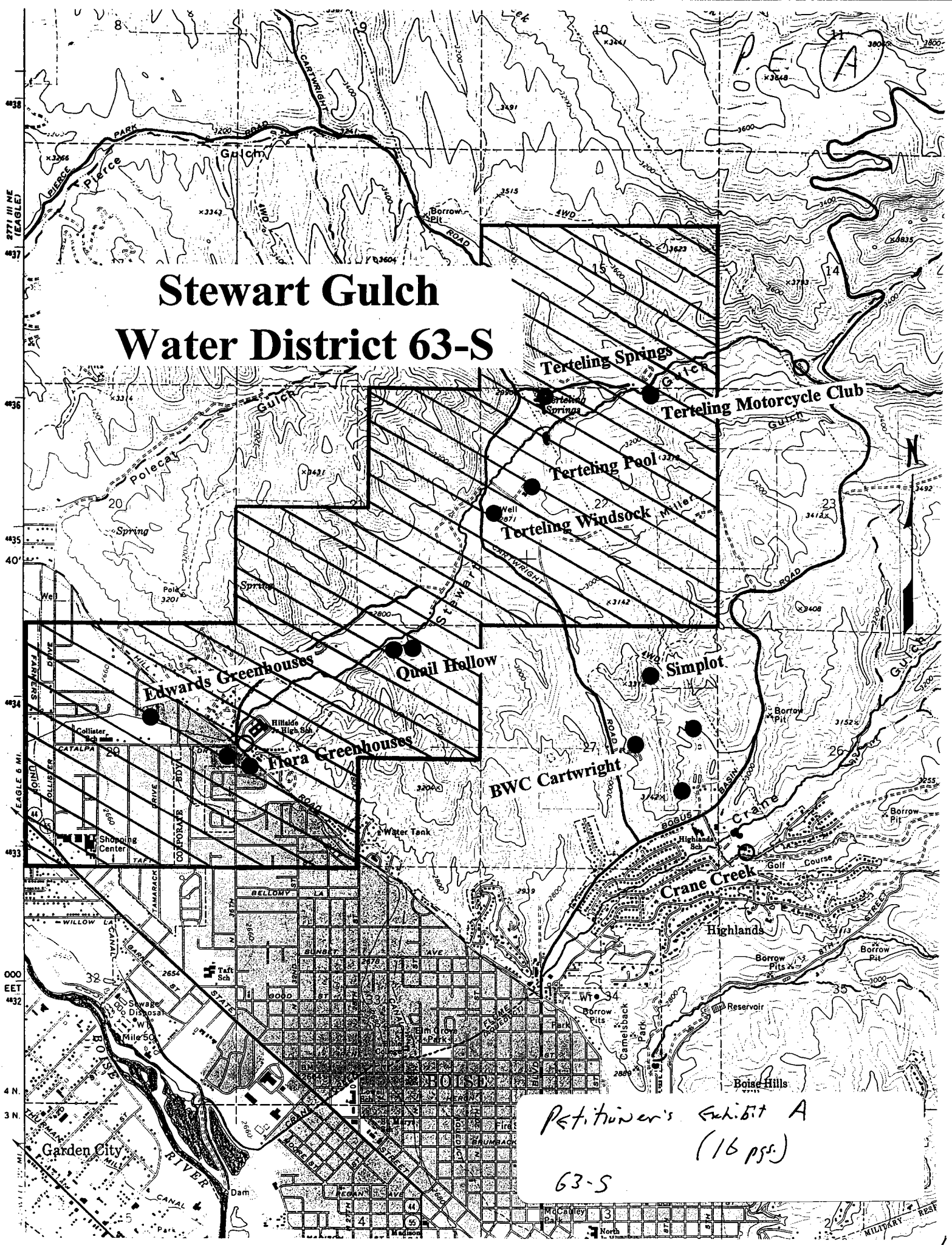
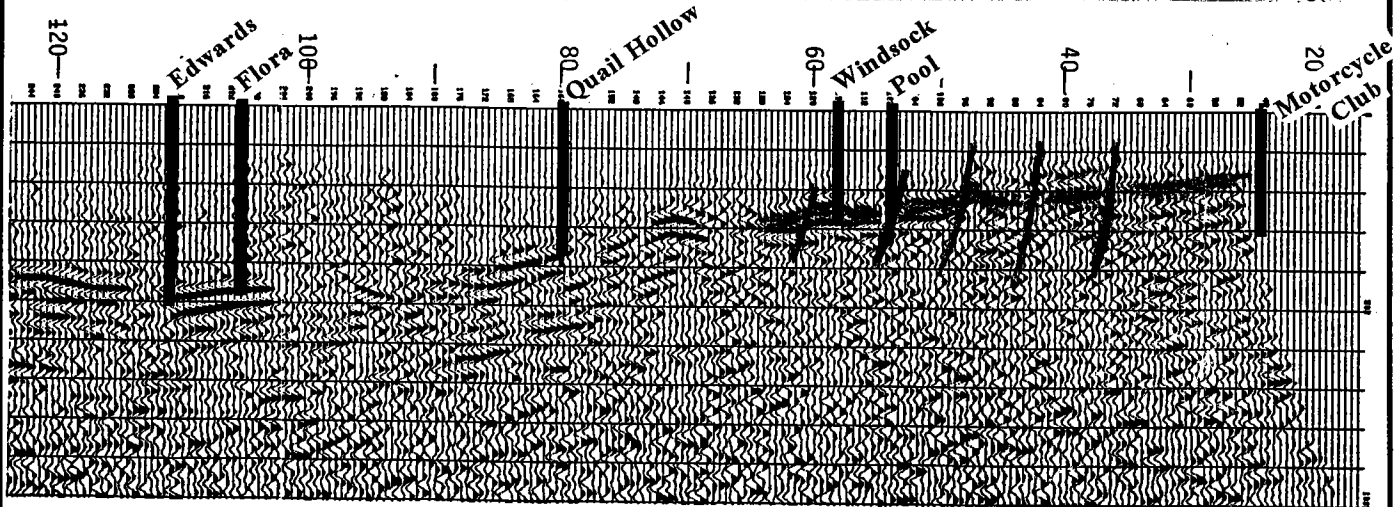
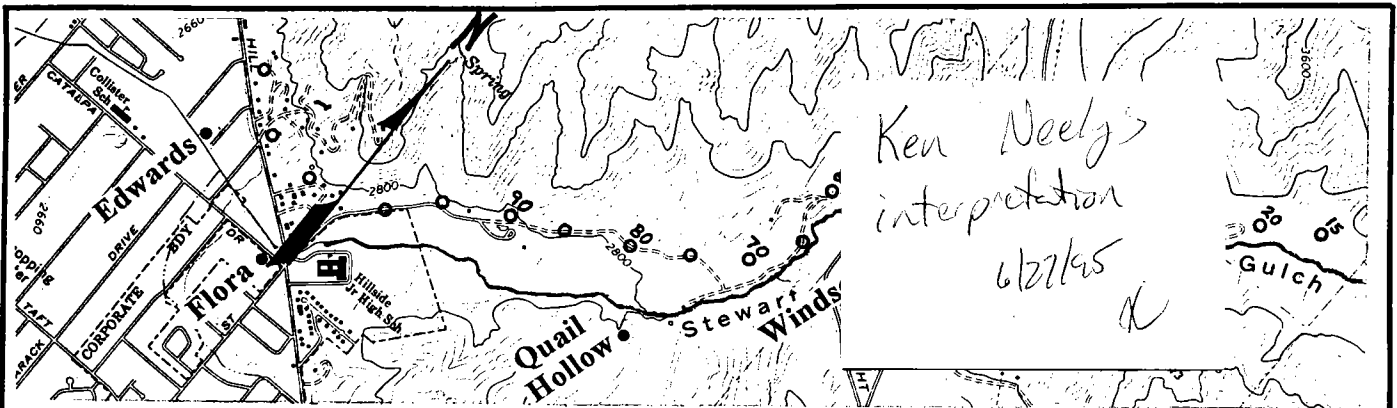


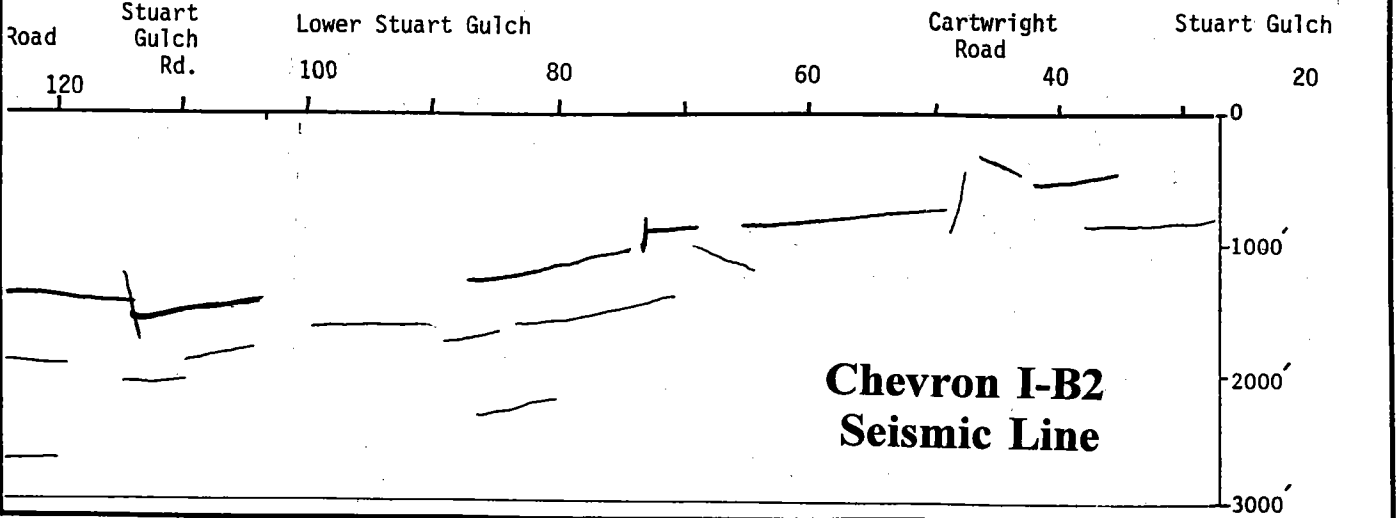
Stewart Gulch Water District 63-S



Petitioner's Exhibit A
(16 pgs.)
63-S

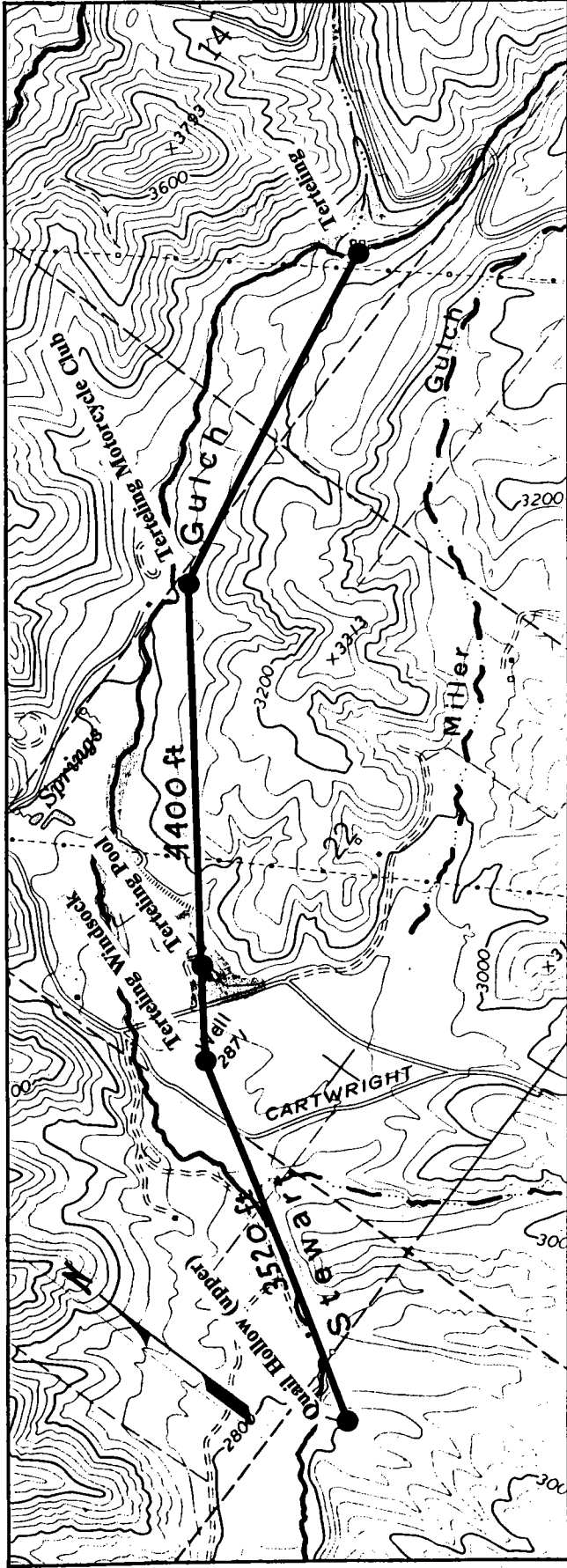
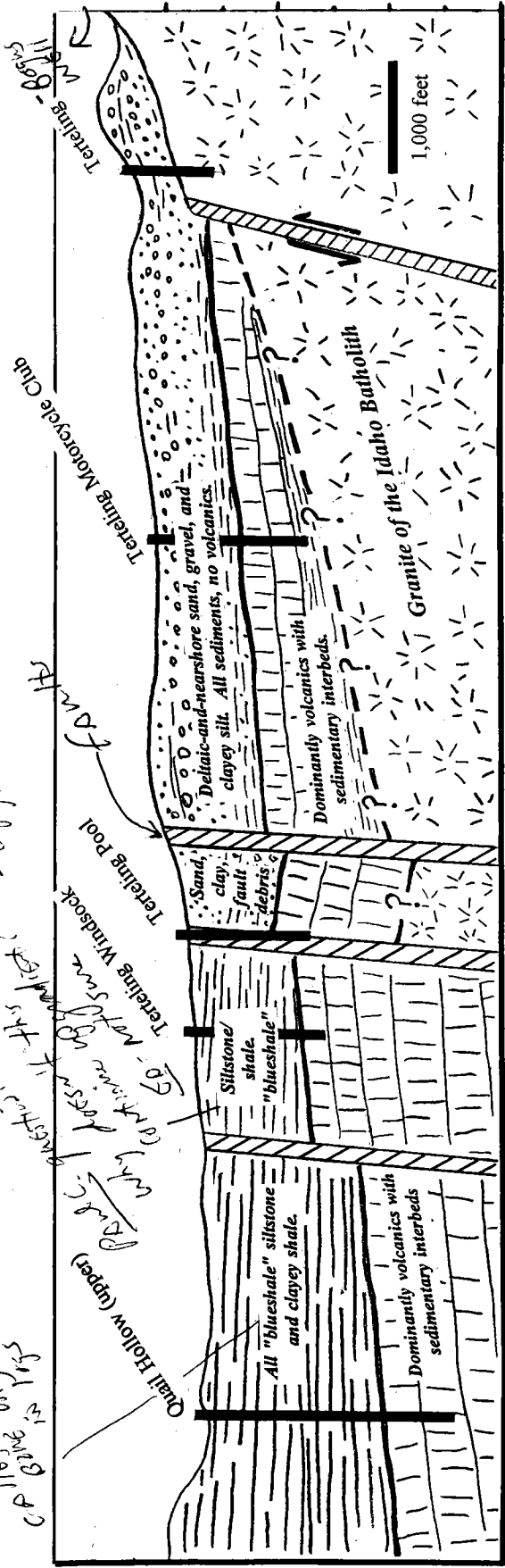


BOISE FOOTHILLS

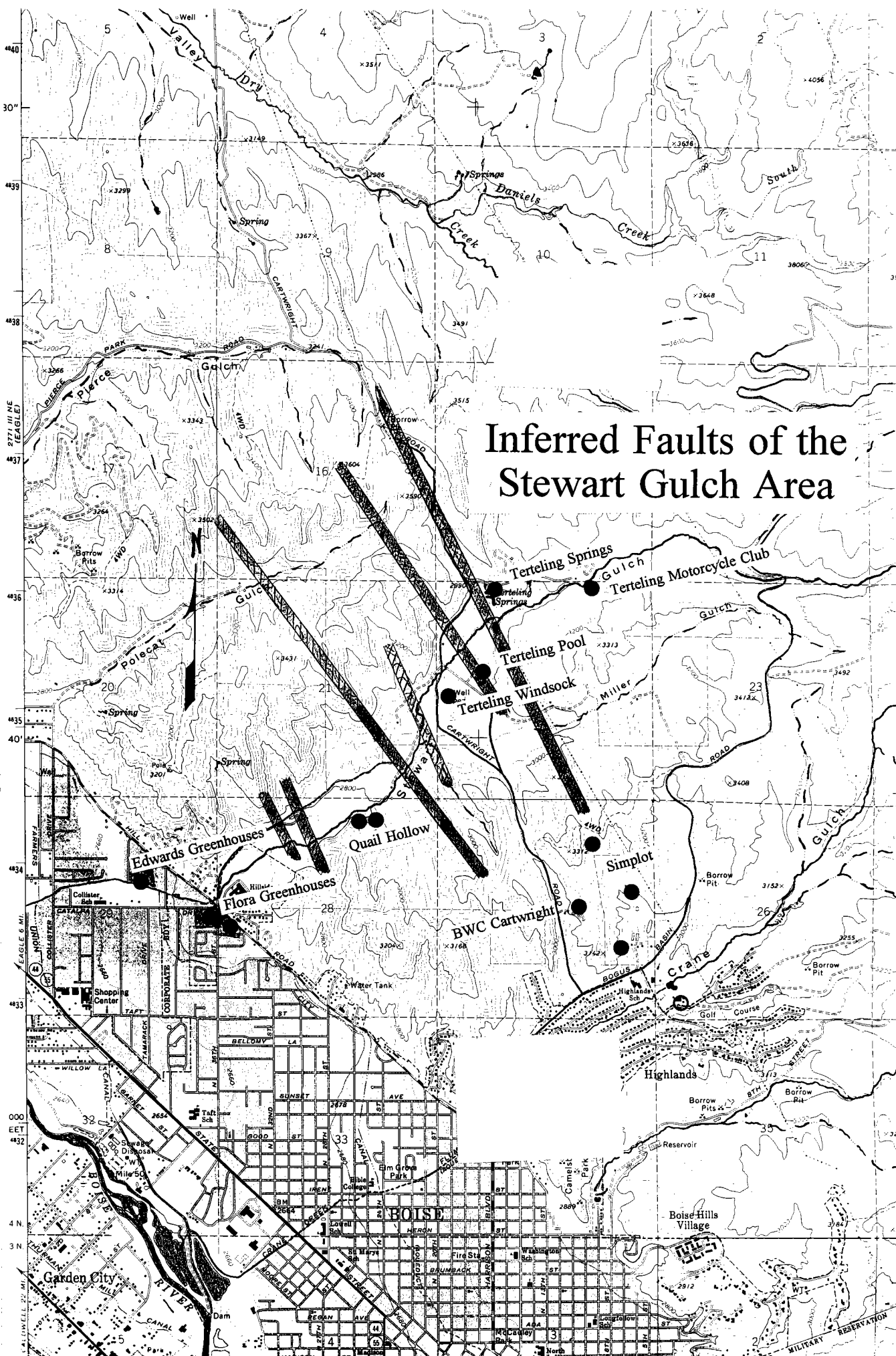


ELEVATION (feet above mean sea-level)

3000
2500
2000
1500



Inferred Faults of the Stewart Gulch Area



5/16/19

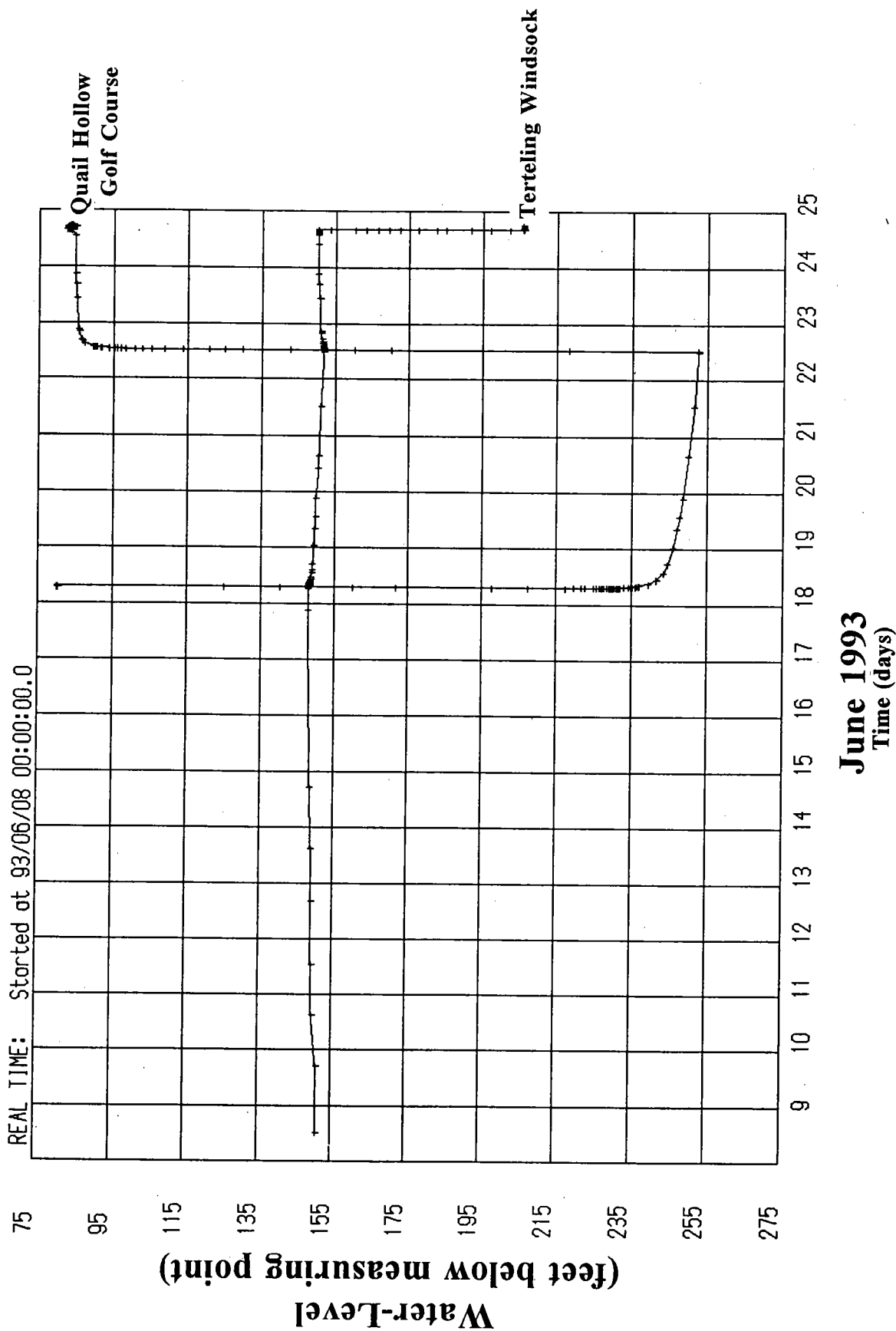


Figure . Composite hydrograph showing arithmetic water-level versus time plots for the Quail Hollow Golf Course well and the Terteling Ranch Windsock well during the four-day pumping test of the Golf Course well. Graph shows drawdown and recovery effects in the Windsock well due to Quail Hollow well pumping and shut down. The two wells are approximately 3520 feet apart (Figure .). About 3.75 feet of drawdown was induced in the Windsock well compared to 172 feet in the pumping well.

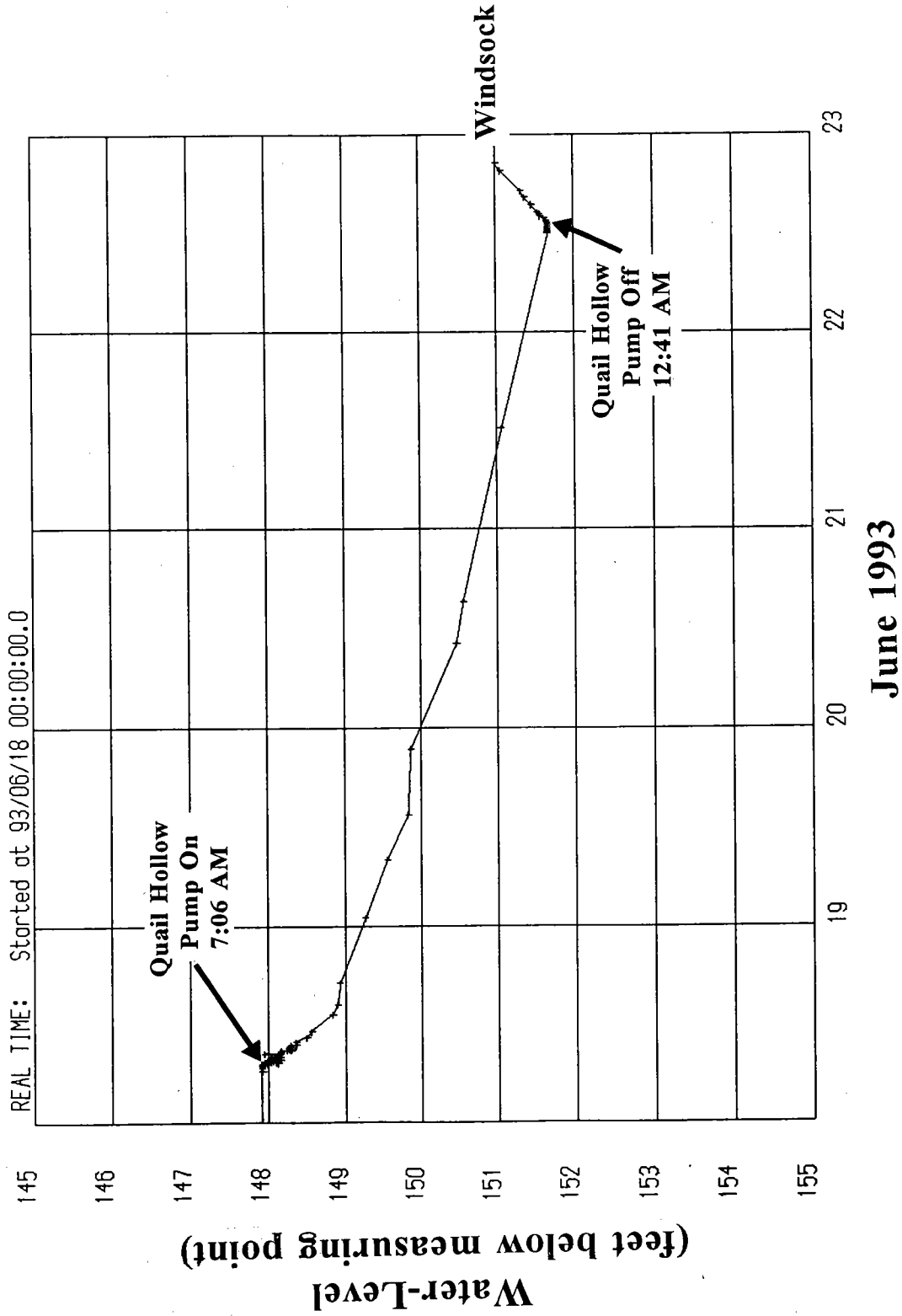


Figure . Water-level versus time plot for the Terteling Ranch Windsock well showing 3.75 feet of drawdown in response to pumping the Quail Hollow Golf Course well. The well was monitored during the irrigation season start-up of the well on June 18th, 1993. Graph shows continuous water-level decline during the four-day (6,095 minute) test, when the Quail Hollow pump was turned off and the Terteling Ranch Windsock well began to recover.

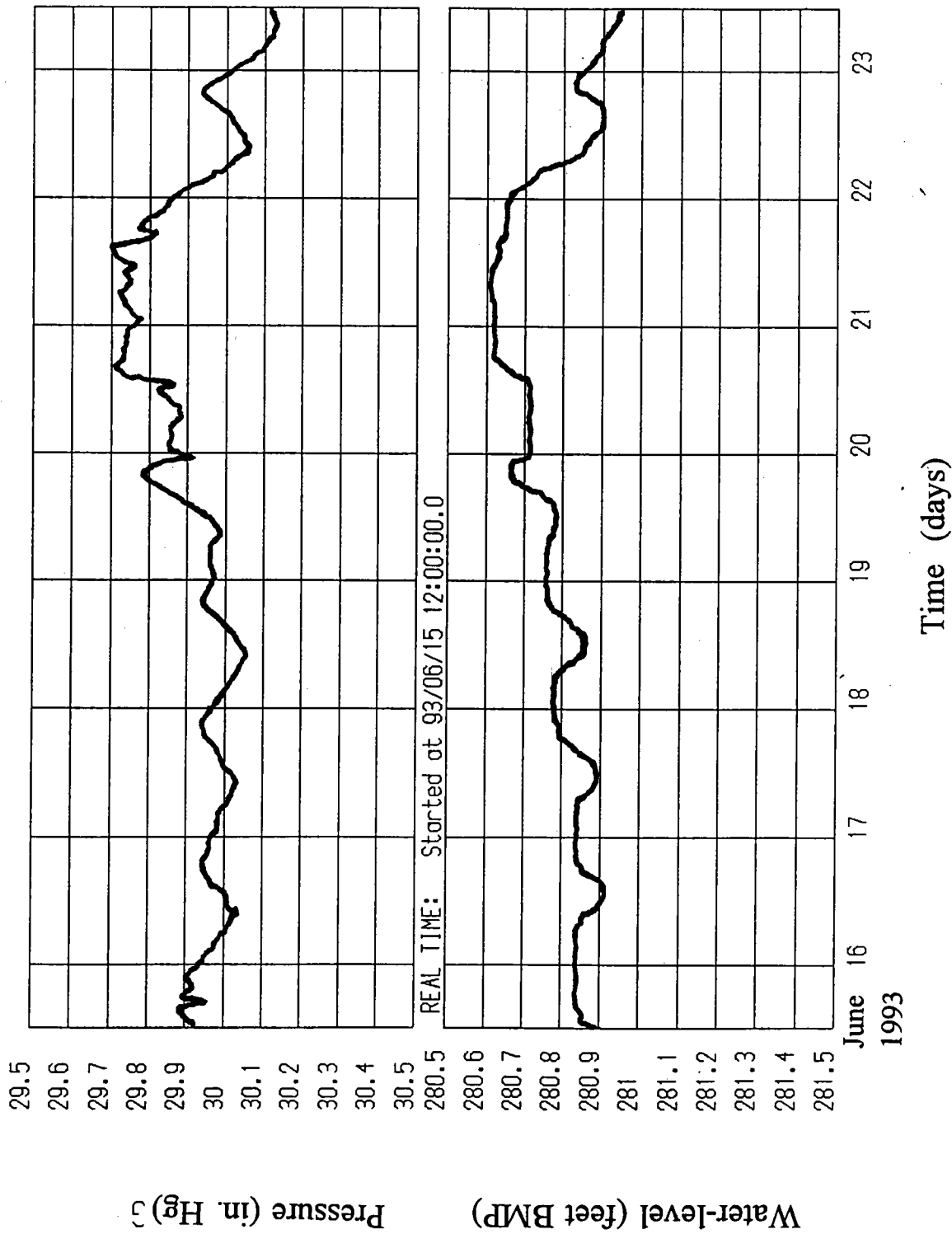


Figure . Water-level fluctuations in the Terteling Motorcycle Club well compared to atmospheric pressure readings recorded at the well head using a continuous recording micro-barograph. Analysis of this data calculates a barometric efficiency of 50-to-60 percent. Corrections for both barometric efficiency and antecedent trend show no discernable influence from the four-day pumping test of the Quail Hollow Golf Course well during the period June 18th-to-June 22nd, 1993.

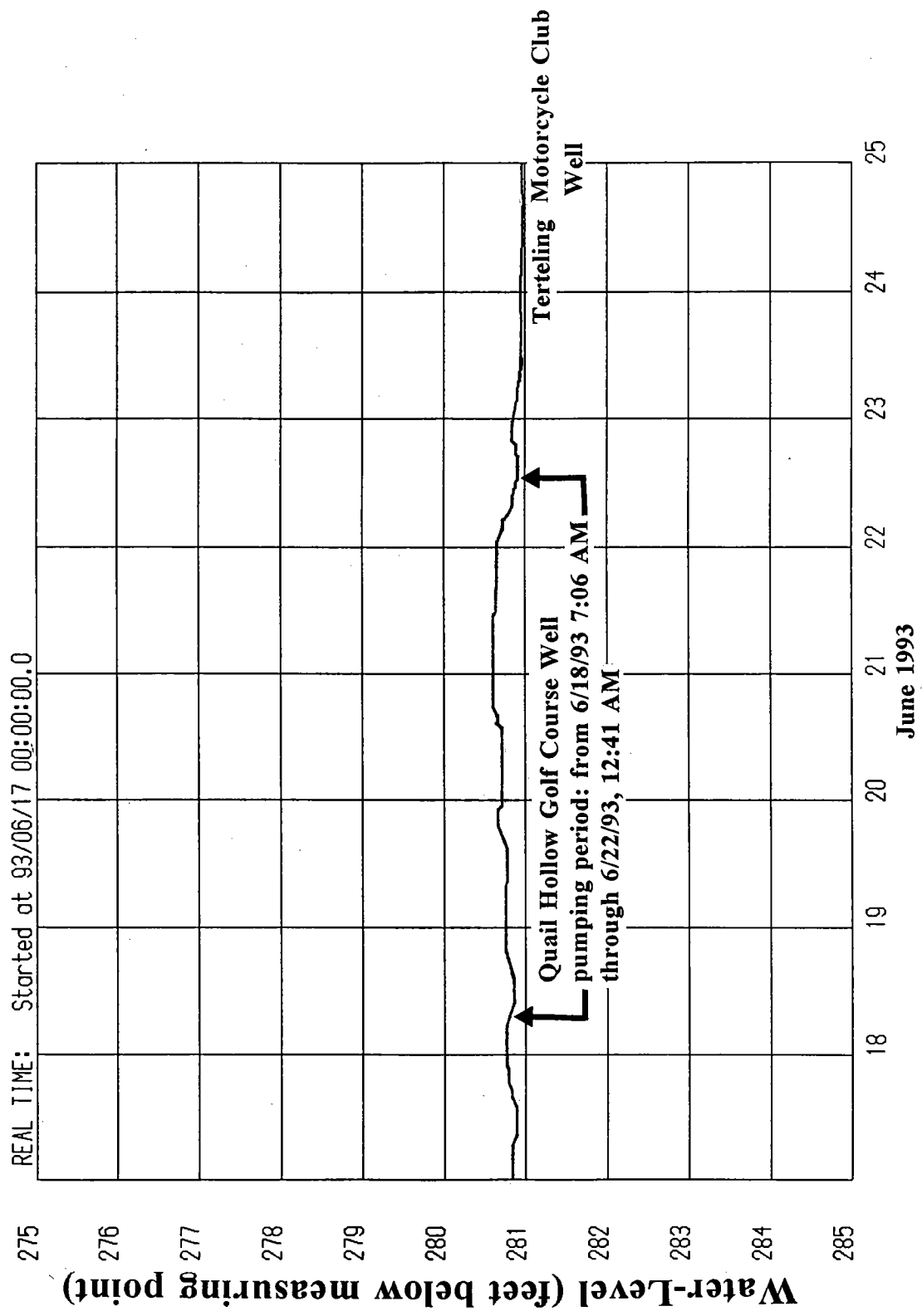
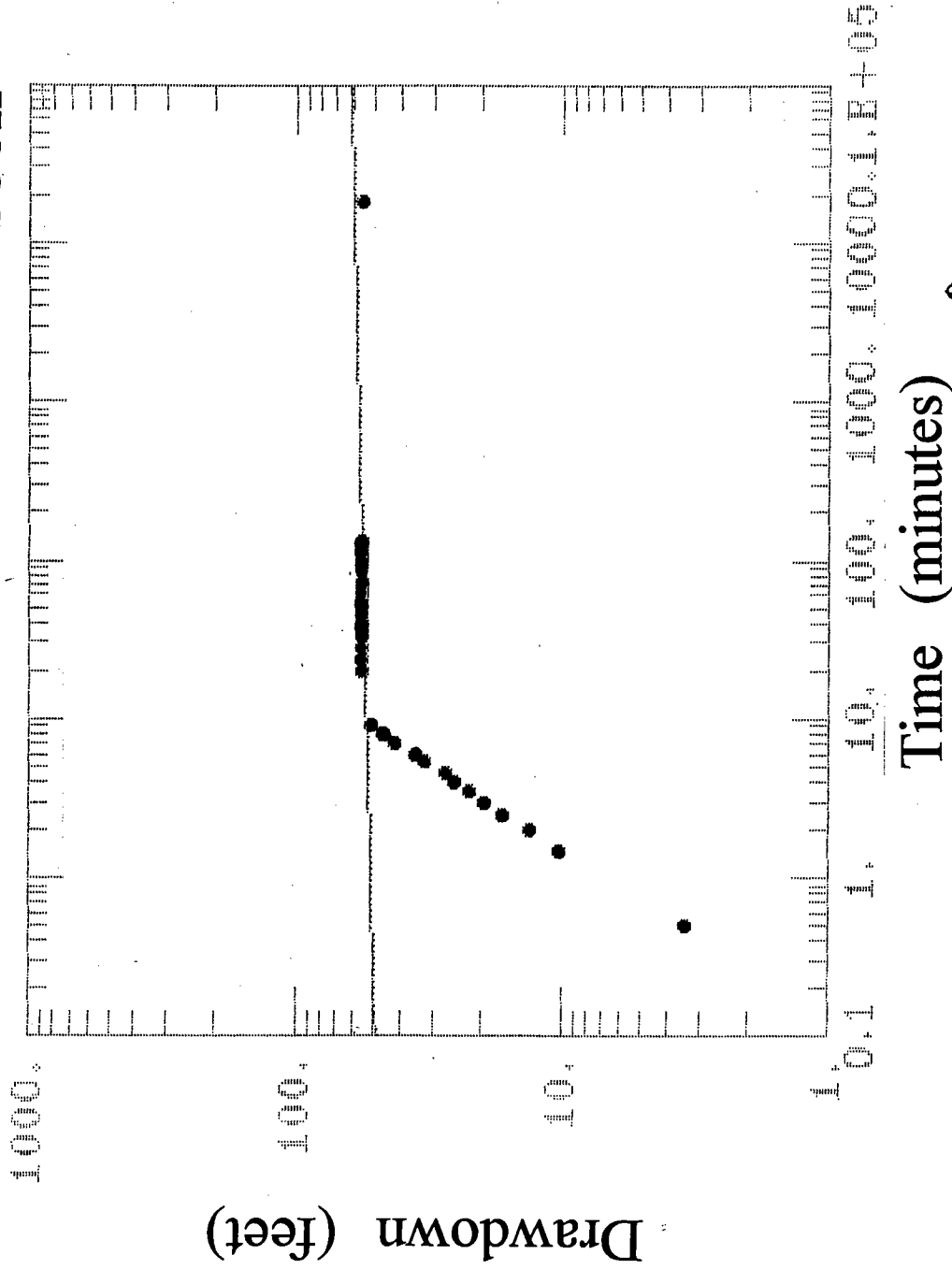


Figure . Continuous water-level recorder data for the Terteling Ranch Motorcycle Club well for the period June 17th-25th, 1993. Also shown, is the four-day pumping period for the Quail Hollow Golf Course well, during which, no measurable drawdown occurred in the Terteling Ranch Motorcycle Club well. In fact, this well was on a general recovery trend throughout the test-period. Minor fluctuations in water-level have since been shown to be the result of atmospheric pressure changes.

Windsock Well-test - Windsock

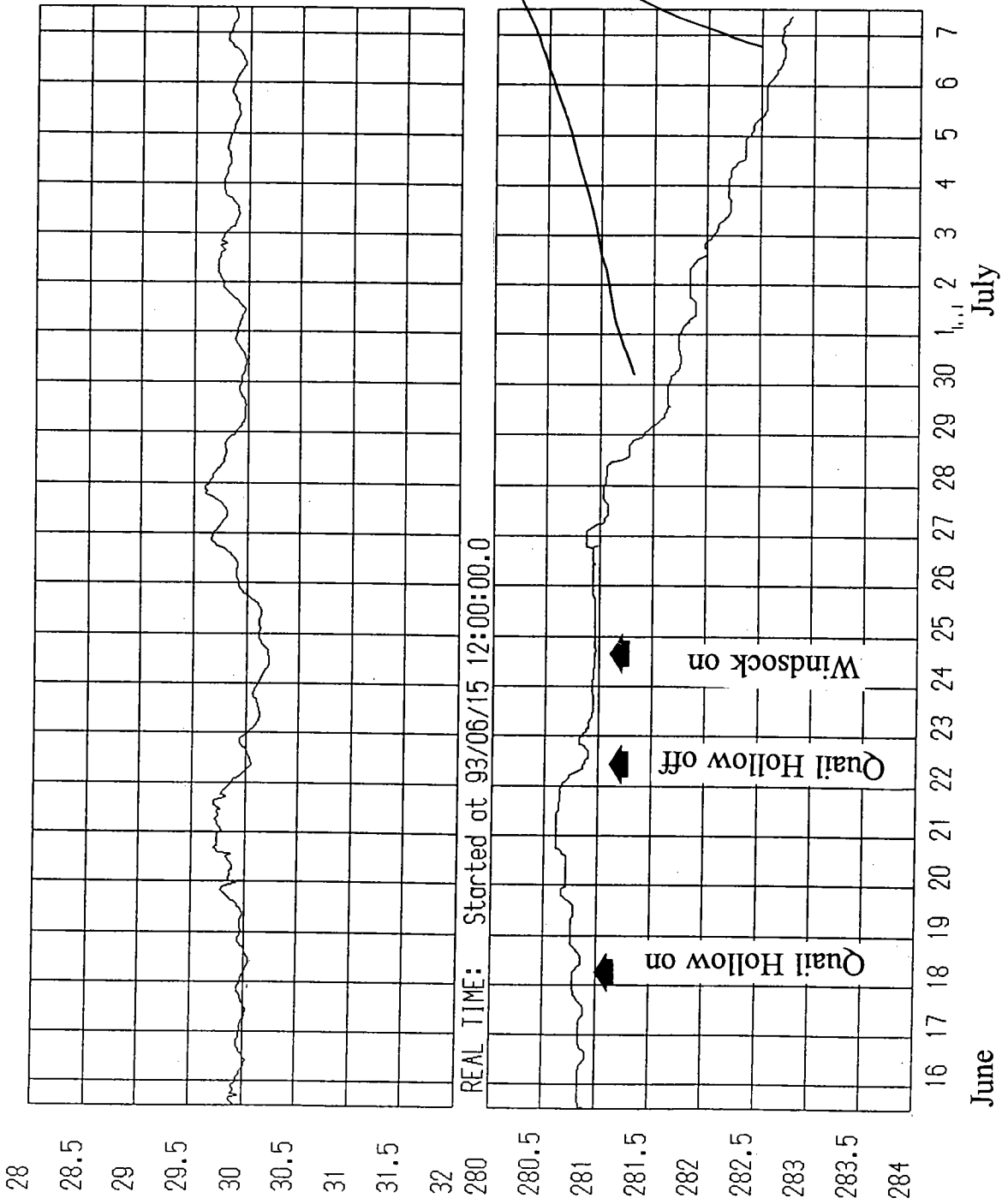


↖ logarithmic plot
 (= slide 25, which is
~~typical~~ plot
 automatic)

6/18/1993
 6/24/1993

= slide 33
 56mm
 Montanini

Time (days)



1993

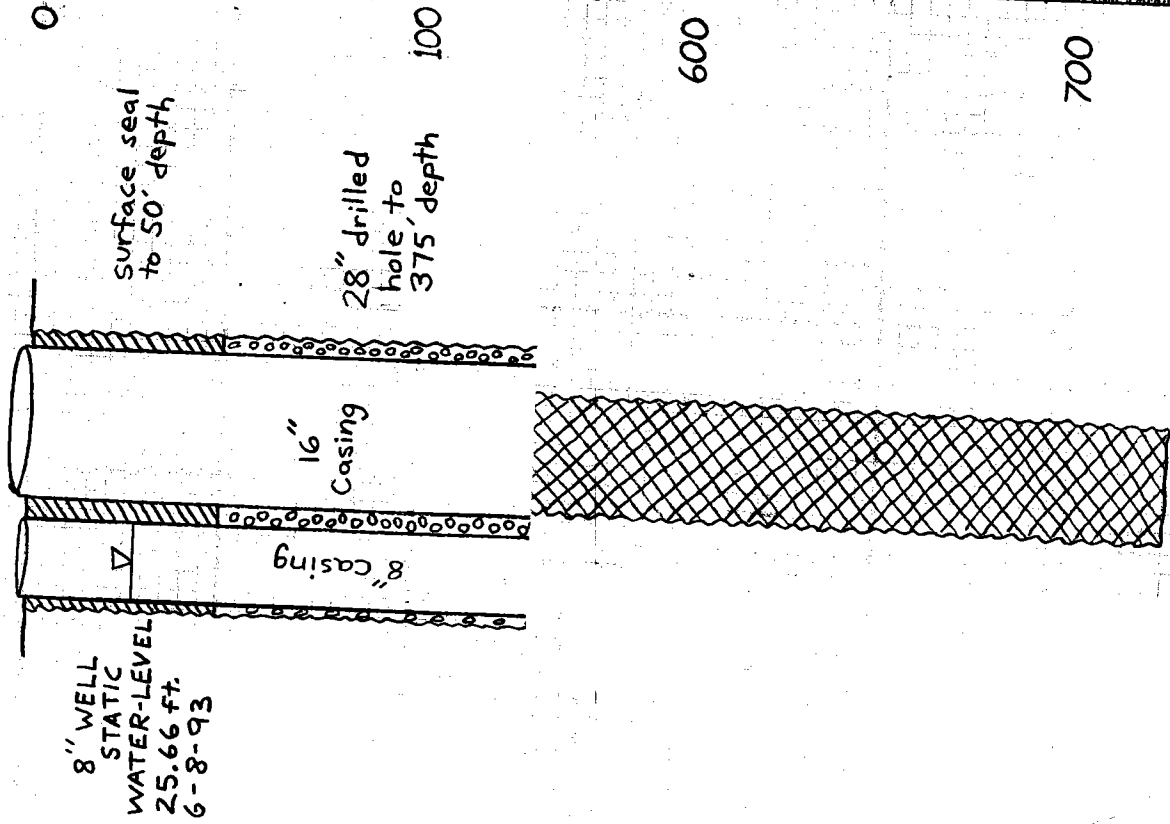
= slide 26

TERTELING MOTORCYCLE CLUB WELL

WELL CONSTRUCTION
(driller)

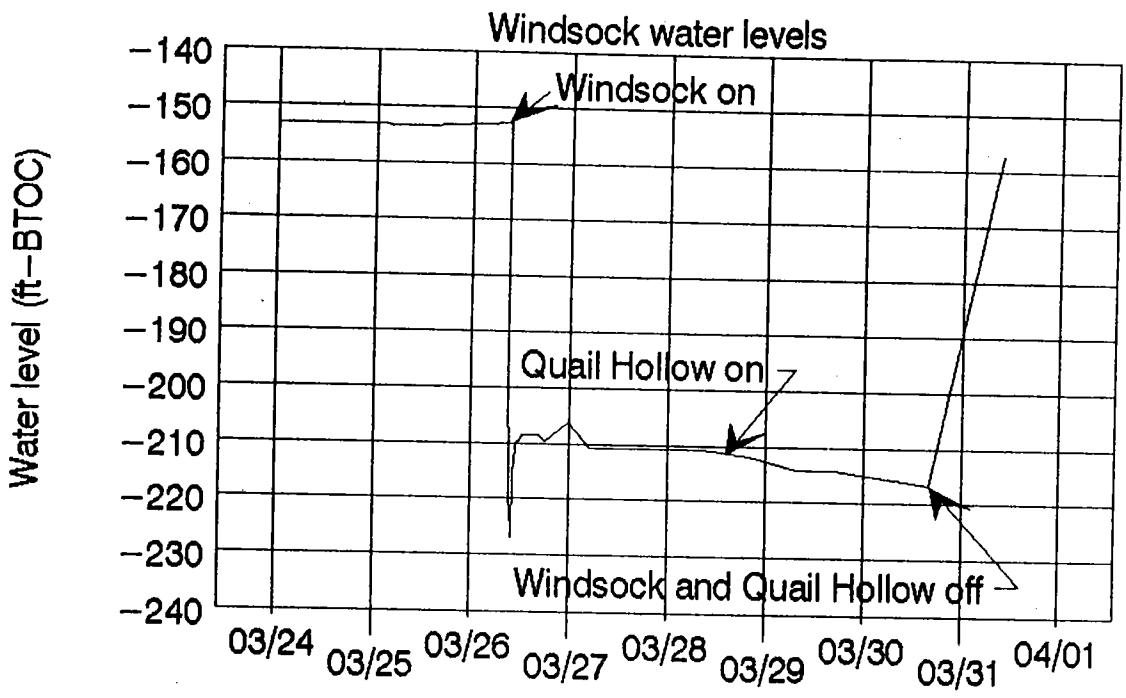
LITHOLOGY
(driller)

WELL RECONSTRUCTION
(completed)

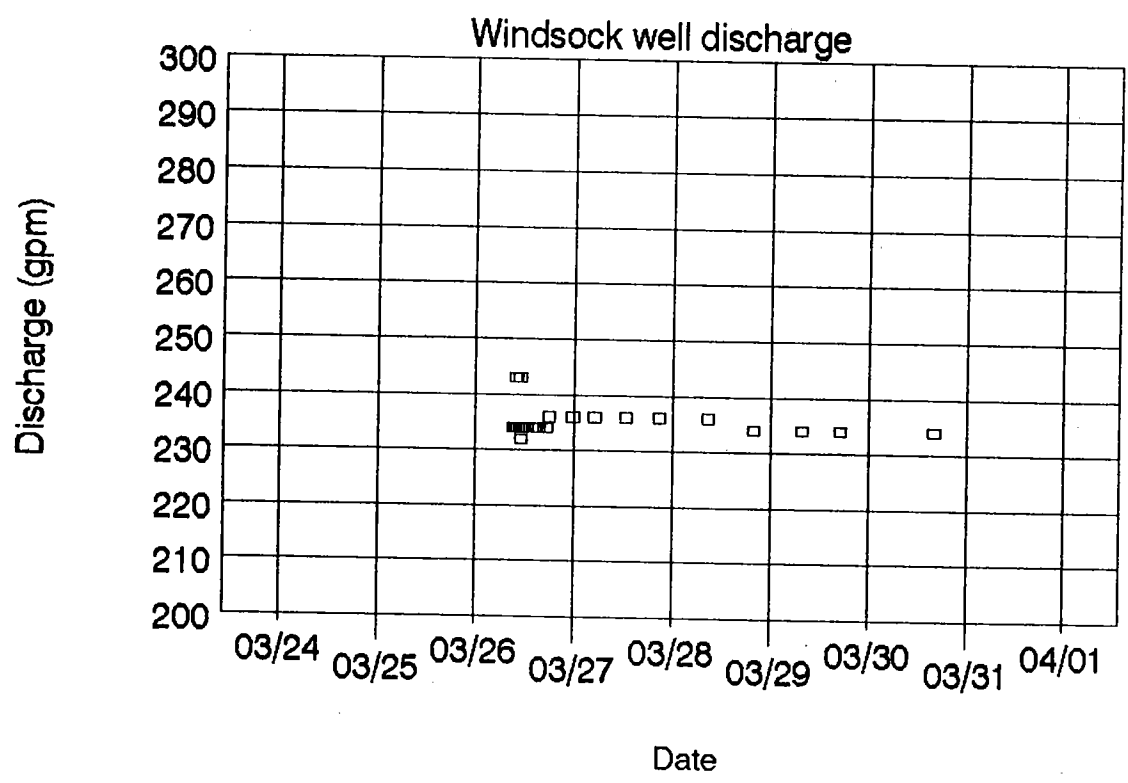


| | |
|-----|--|
| 0 | Topsoil, Sand |
| 10 | |
| 32 | Sand w/some clay, Coarse |
| 95 | Sand, fine to coarse. 2' at top fine to medium green, 78-88' mixed color, some green |
| 370 | Sand, coarse, gray, hard sand |
| 372 | Sand, fine to Coarse |
| 600 | Clay, gray w/some Sand |
| 652 | Sand, coarse |
| 672 | Clay, gray w/some sand |
| 700 | Clay, gray |
| 702 | Clay, dark blue |
| 712 | Clay, brown to blue |
| | Clay, blue-green |

5/16/28



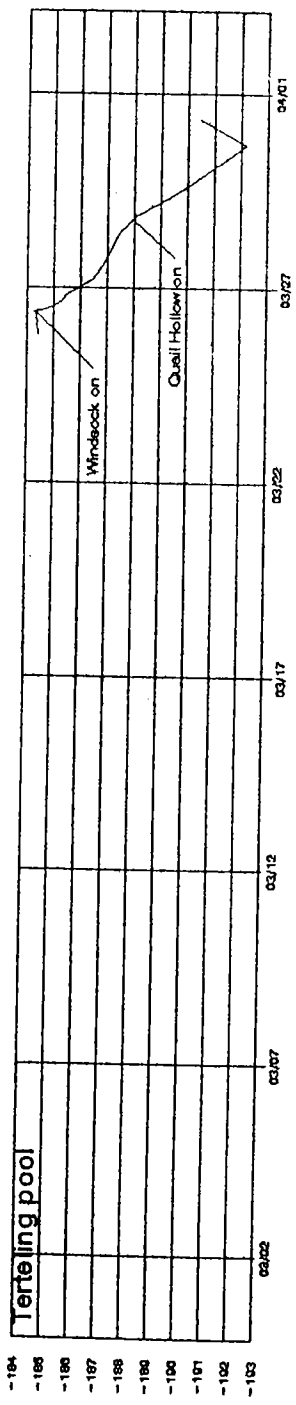
1994
DATA
slide
32



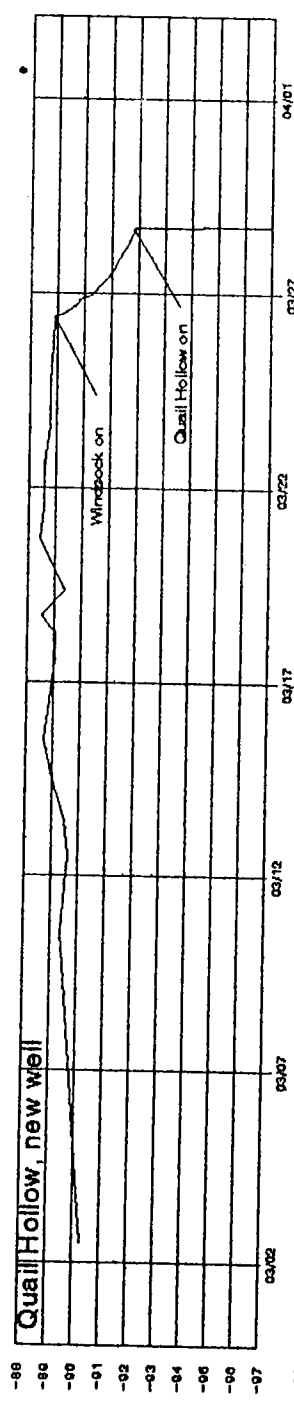
1994

Composite
hydrograph -
"interference"
75x"

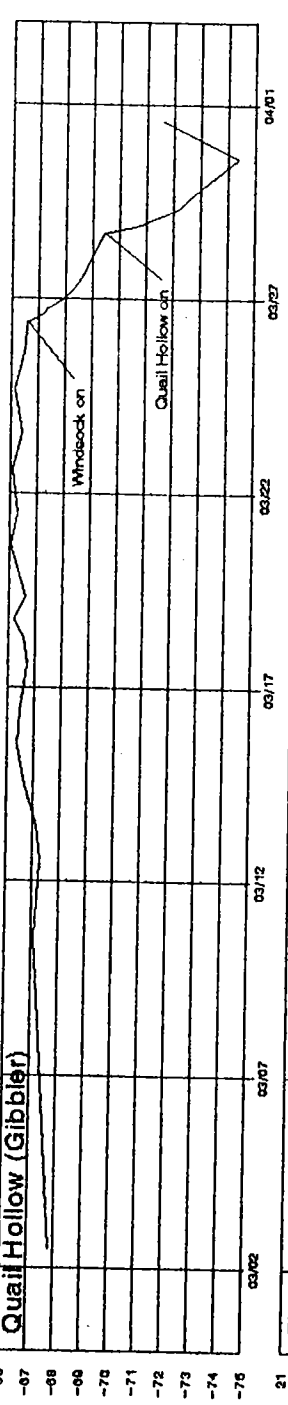
= 5/10/34



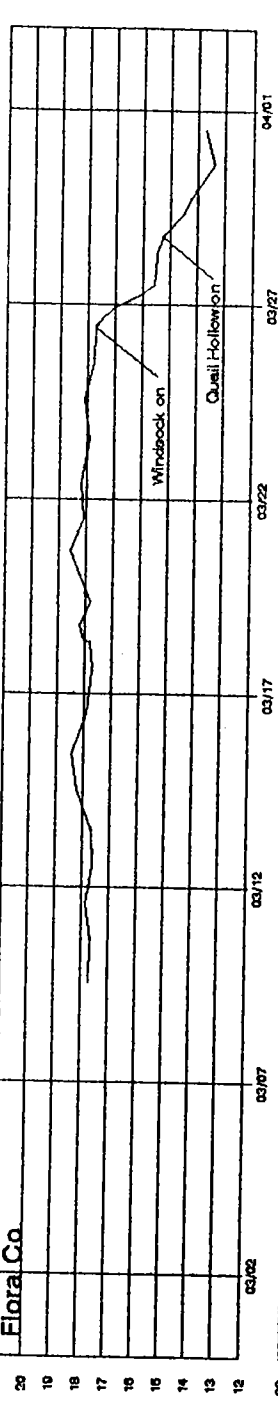
Water level
(ft-BTOC)



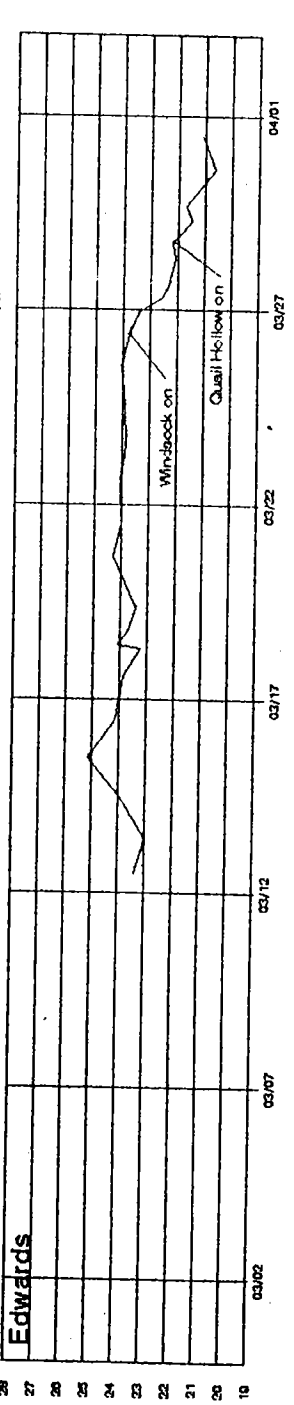
Water level
(ft-BTOC)



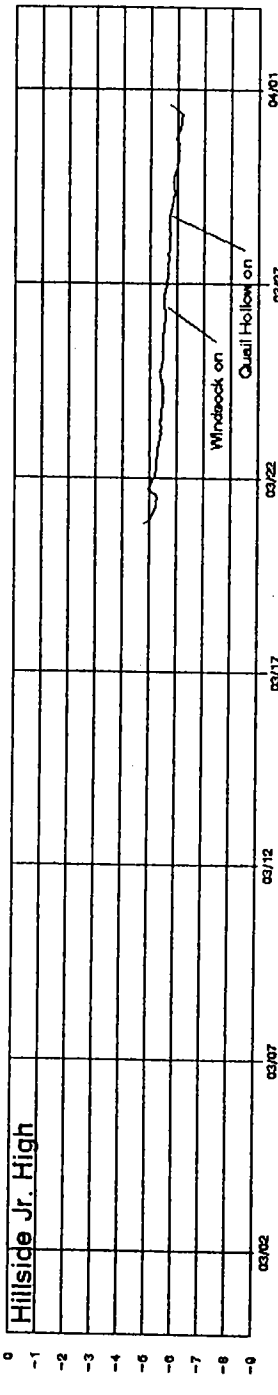
Water level
(ft-BTOC)



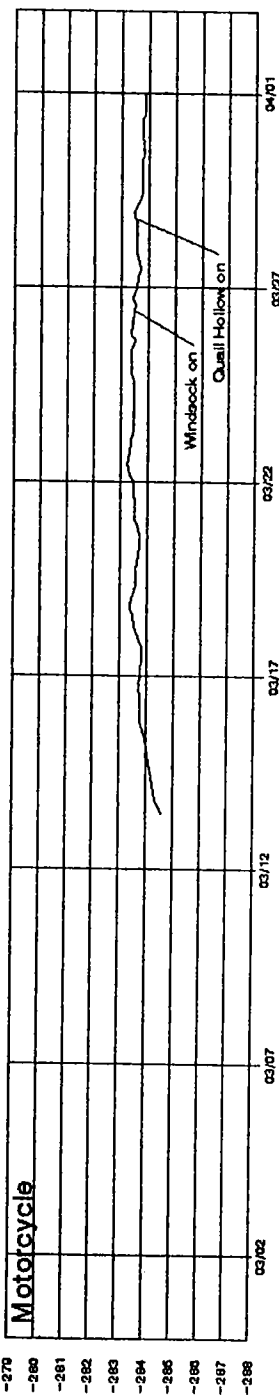
Water level
(ft-AGL)



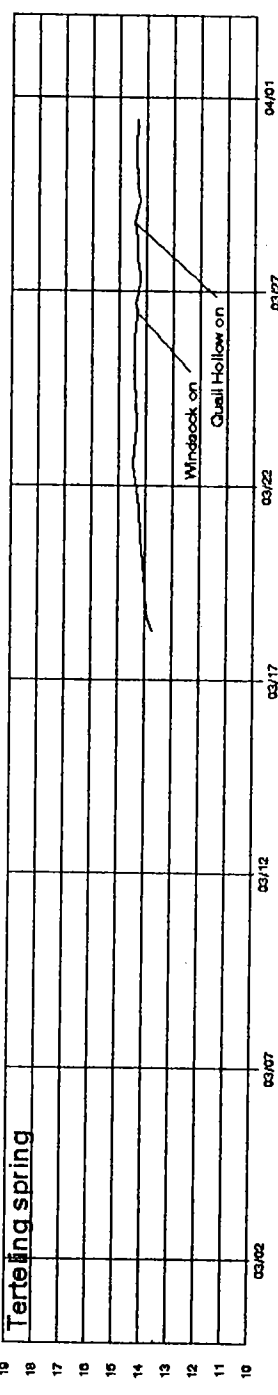
Water level
(ft-AGL)



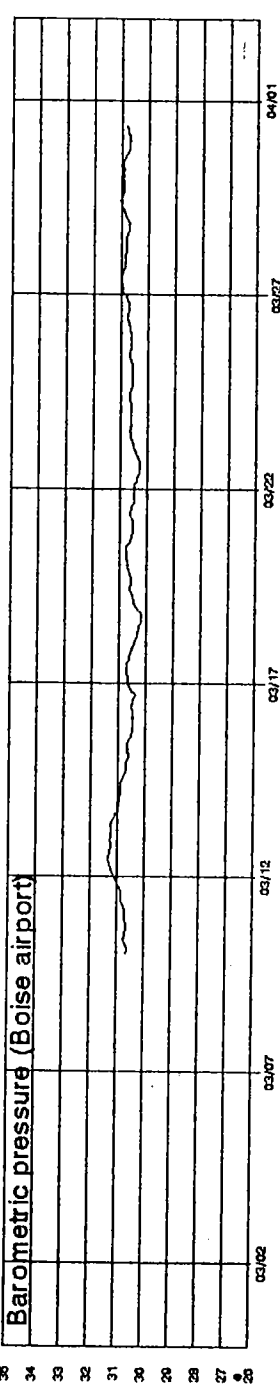
Water level (ft-BTOC)



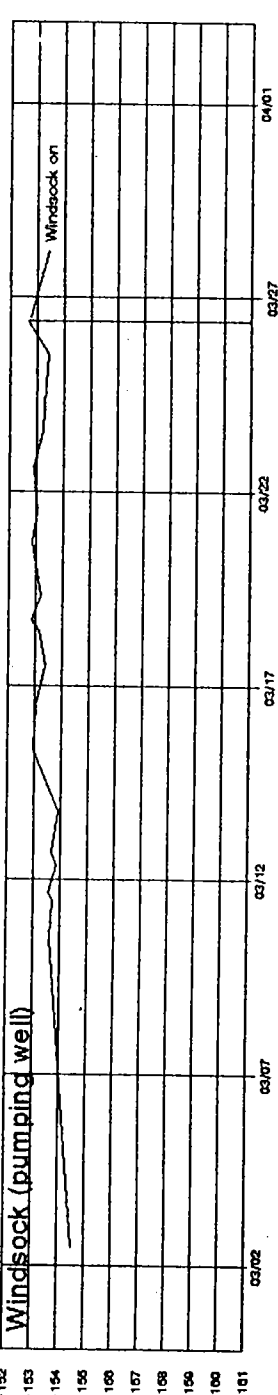
Water level (ft-BTOC)



Water level (ft-AGL)



Pressure (ft-H2O)



Water level (ft-BTOC)

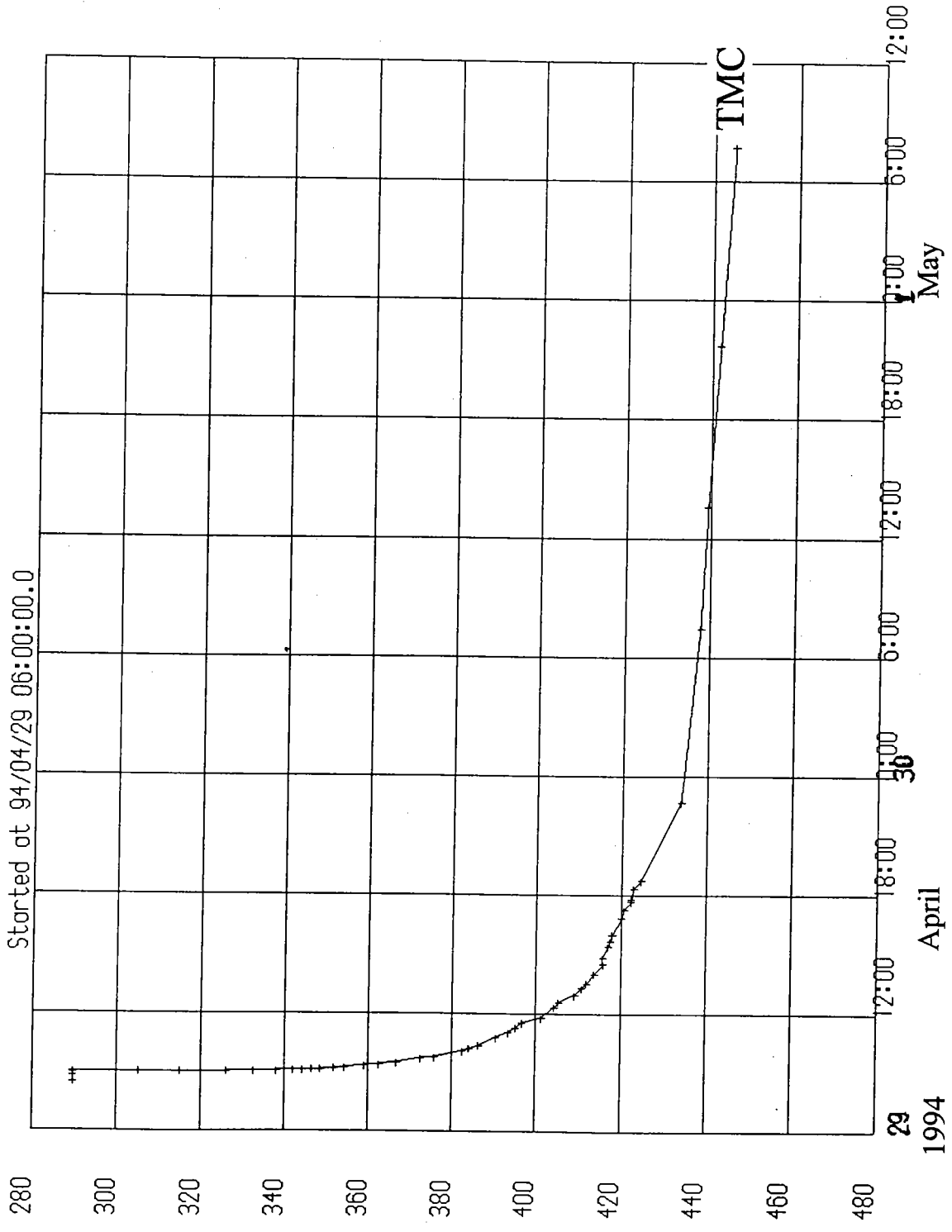
← This is 3rd foot where TMC effort is.

Other wells monitoring e foot 3/9/13 from B

= Slide 35

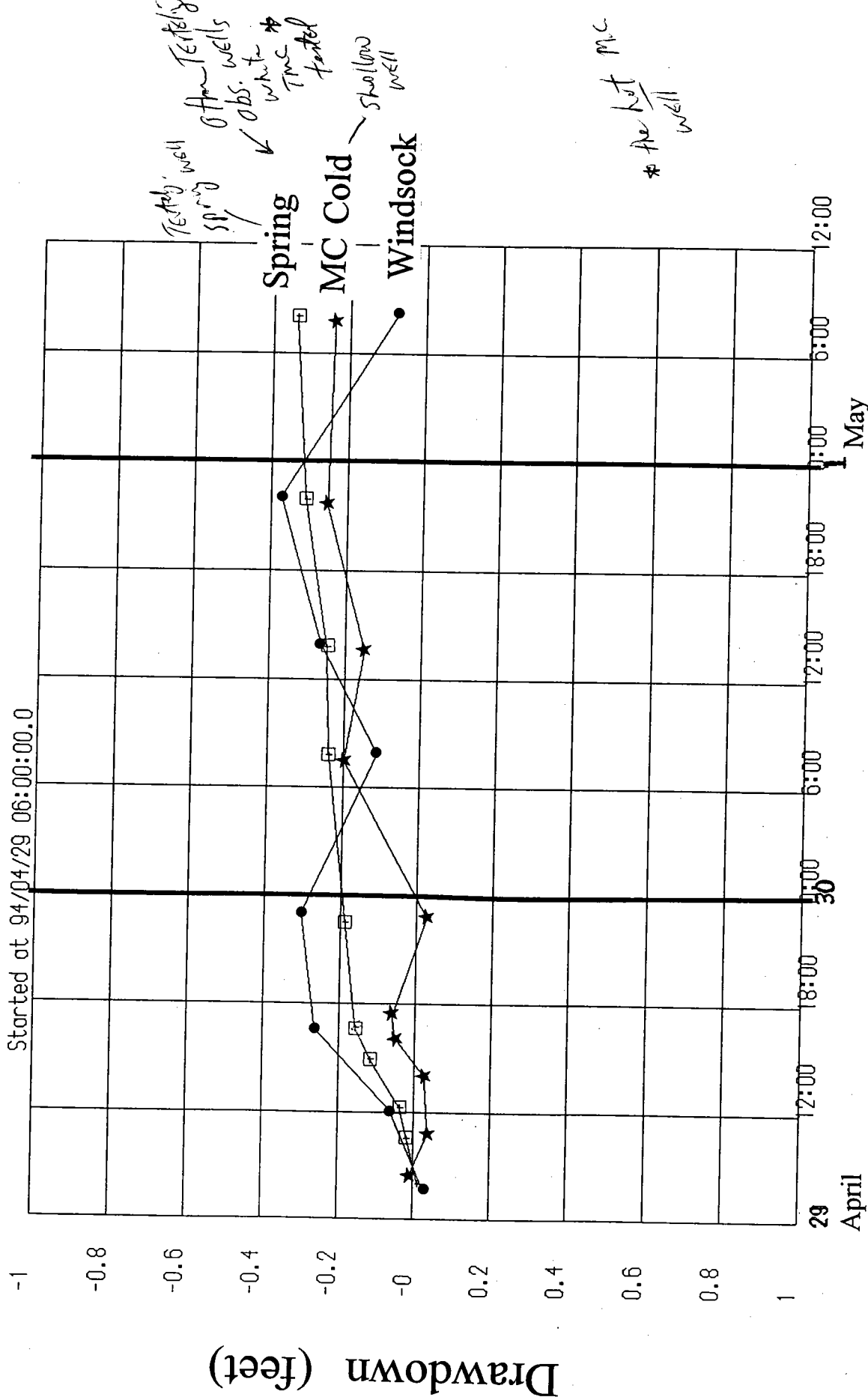
Water-level (feet below measuring point)

Time (days)



Slide 37
Arithmetic
Random

Time (days)

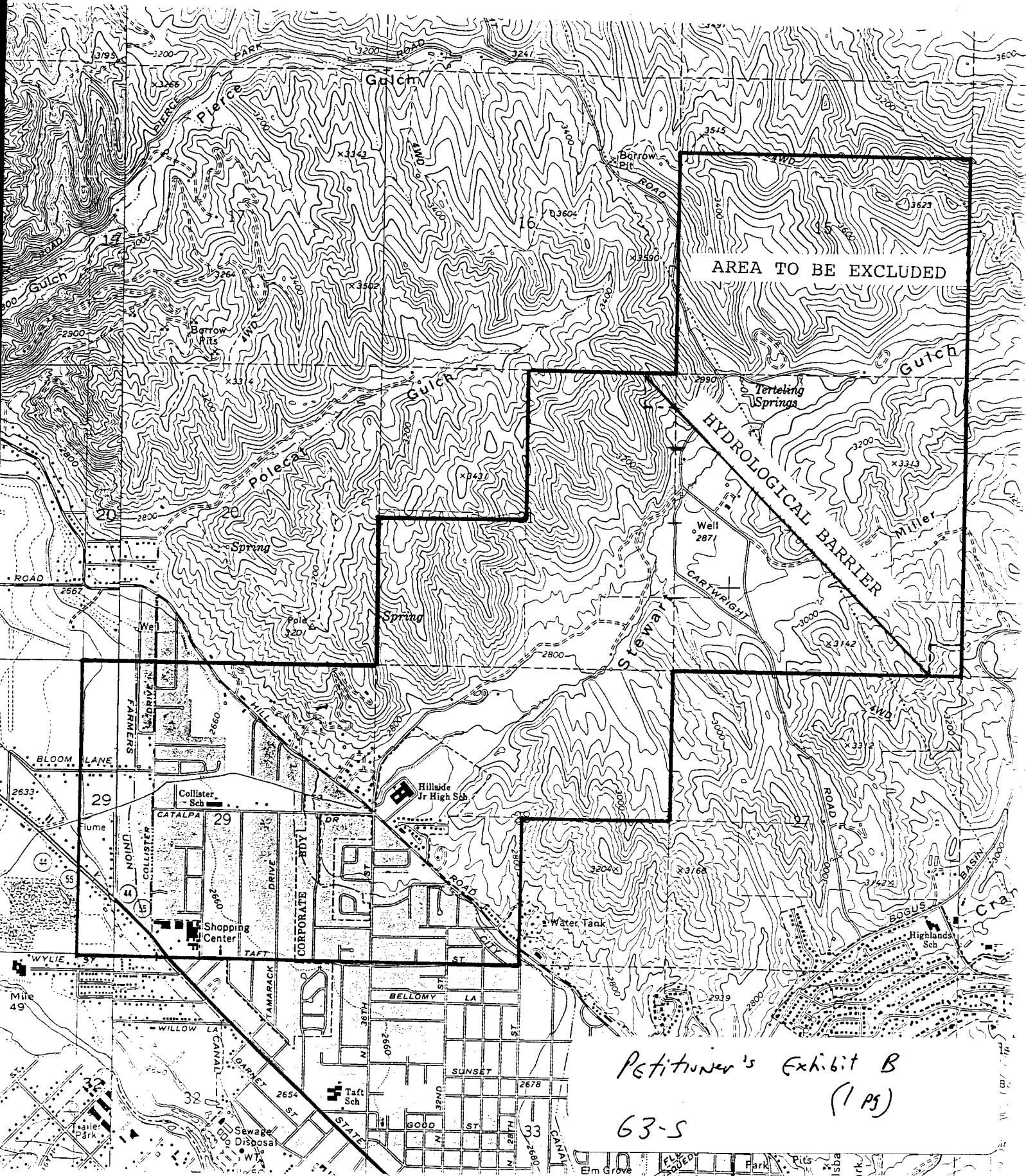


Slide 39

Petitioners

EXHIBIT **(B)**

TO PETITION OF TERTELING TRUST NO. 7
TO MODIFY BOUNDARIES OF WATER DISTRICT 63-S



AREA TO BE EXCLUDED

HYDROLOGICAL BARRIER

Petitioner's Exhibit B
(1 ps)
63-S