House Bill No 104

- Testimony of DNRC Director Mary Sexton
- Balancing Development and Protection of Existing Water Rights

EXHIBIT 4
DATE 1-17-07
HB 104

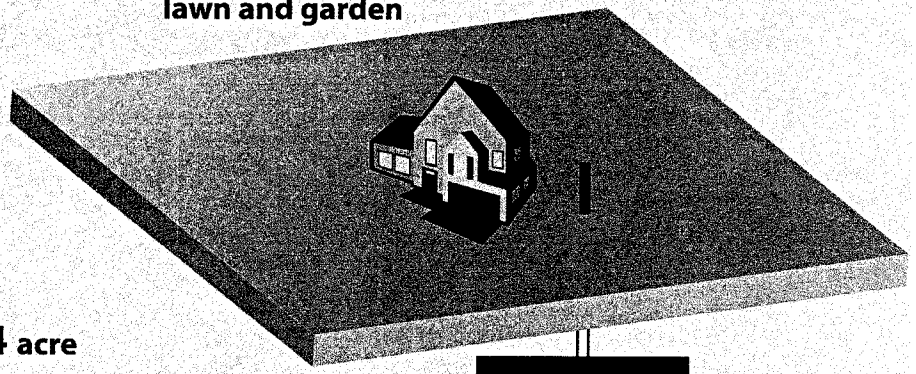
Legislation - Exempt wells

- Reduce from ≤ 35 gpm & < 10 A/F year to ≤ 35 gpm & < 1 A/F year **(LC219)**
  - For domestic & commercial uses only
    - Lawn & garden cannot exceed ¼ acre
    - Try to avoid TU II
    - (Stockwater remains the same - ≤ 35 gpm & < 10 A/F year, but 40 acre land requirement)

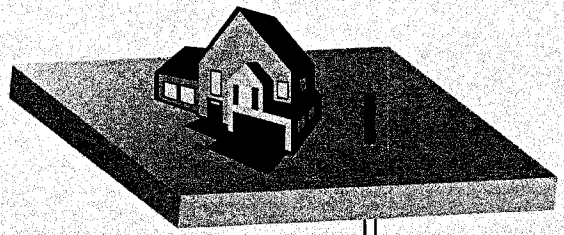
Montana's Domestic / Lawn and Garden Water Supply

An acre foot covers 1 acre of land 1 foot deep and = 325,851 gallons

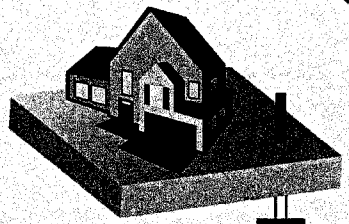
1 house + 3 acres
lawn and garden



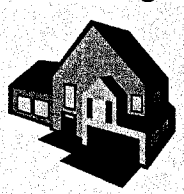
1 house + 3/4 acre
lawn and garden



1 house + 1/4 acre
lawn and garden



1 house with
no lawn and garden



.018
acre feet
water consumed
per year

.73
acre feet
water consumed
per year

2.14
acre feet
water consumed
per year

8.5
acre feet
water consumed
per year

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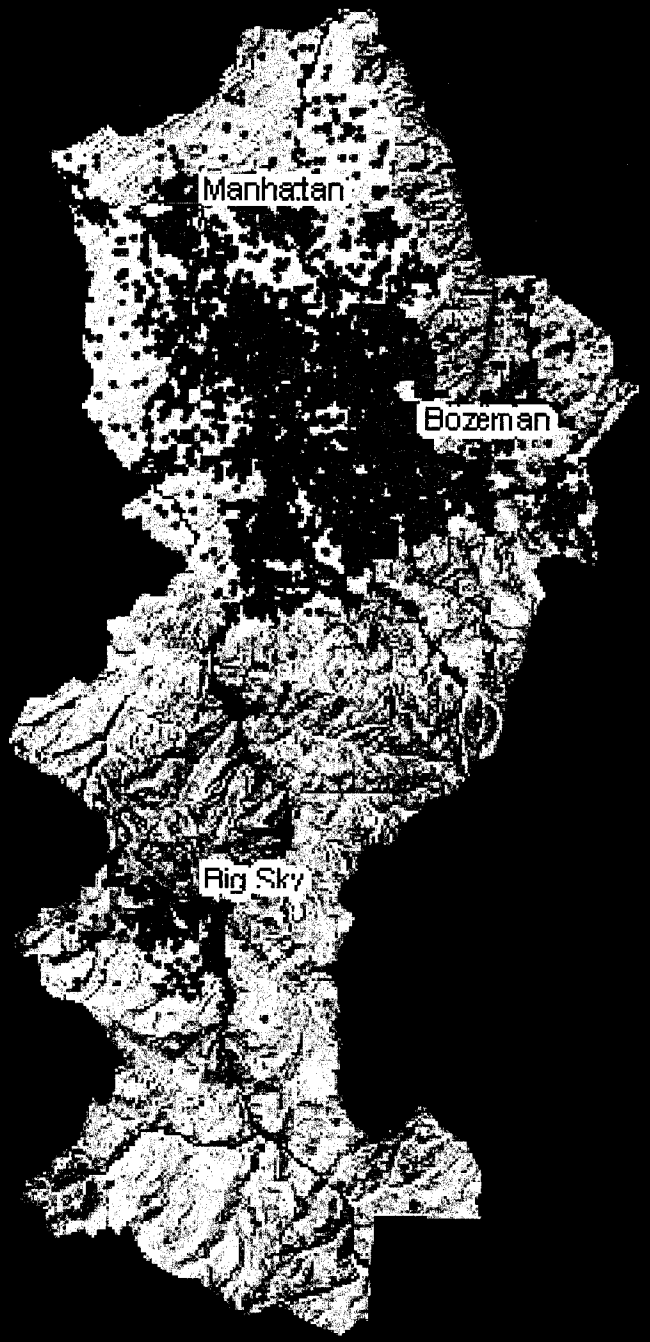

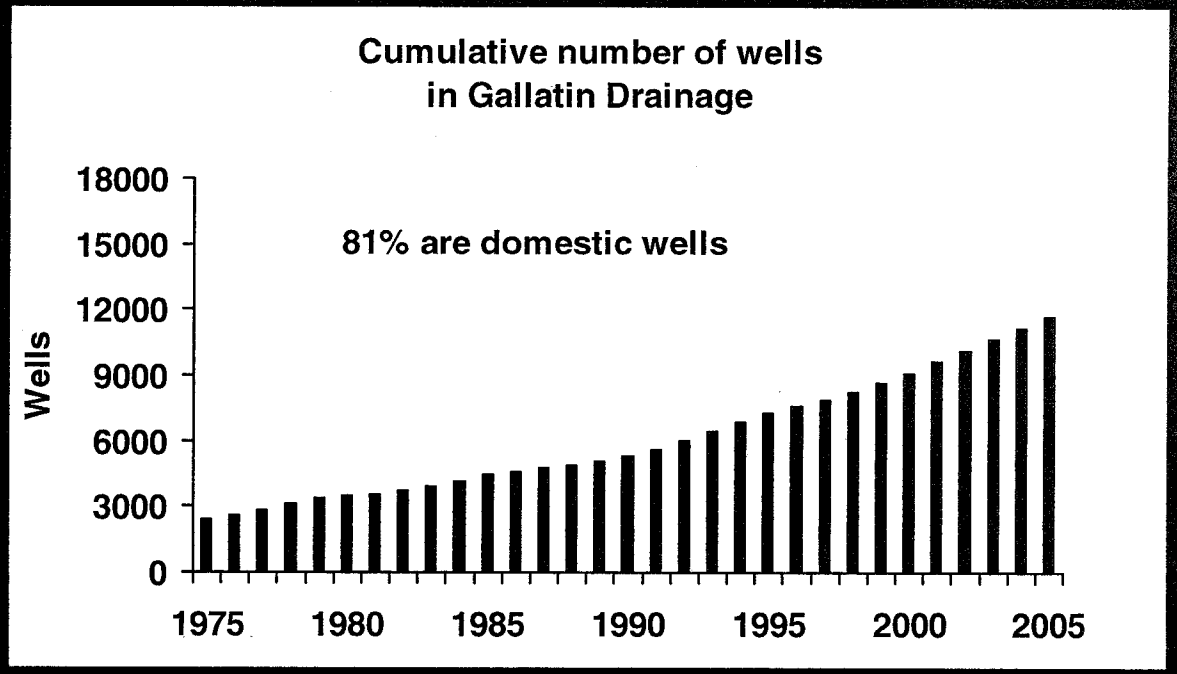

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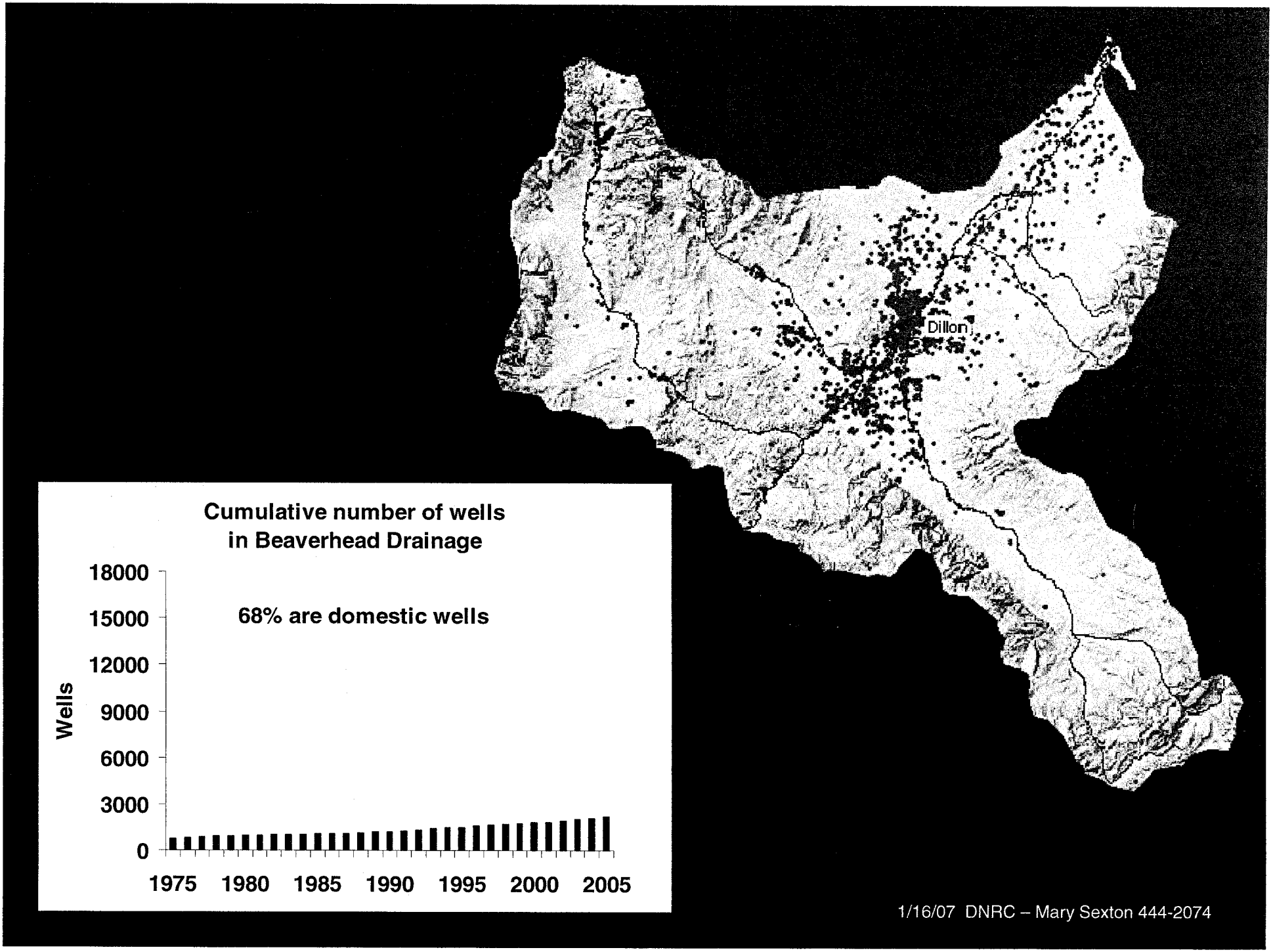
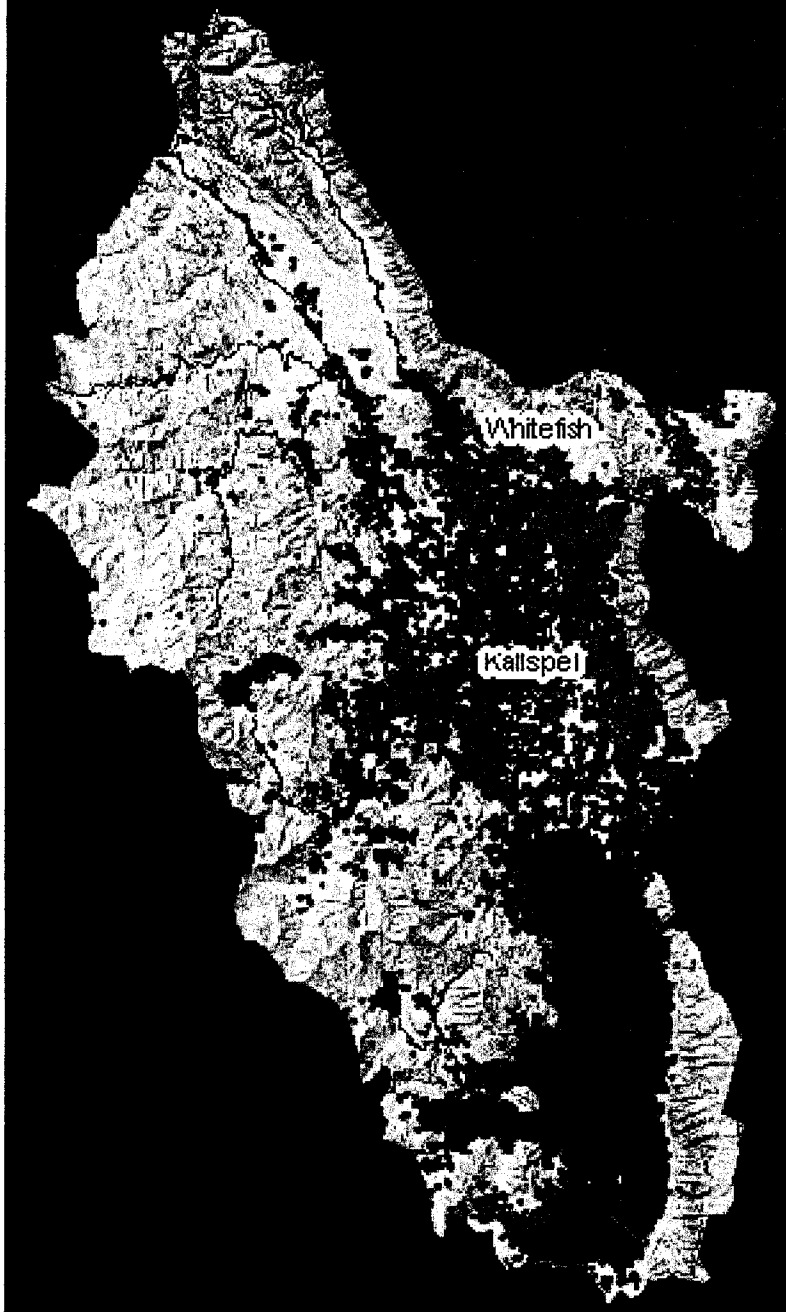
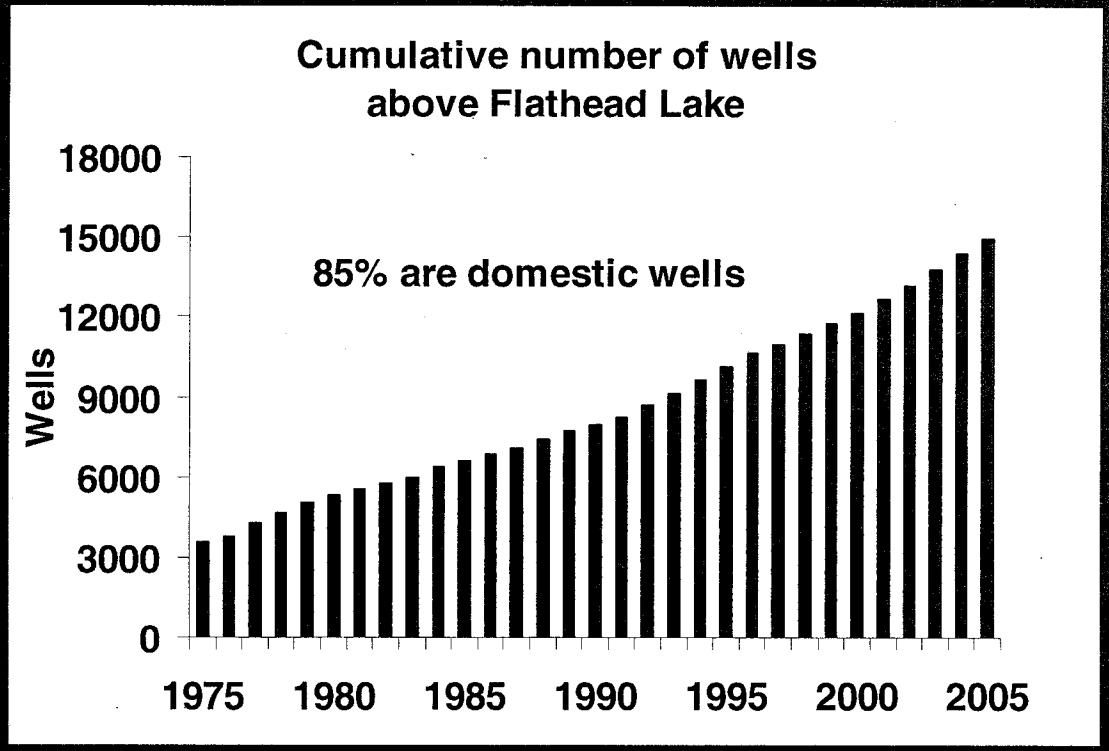

Dillon
Cumulative number of wells
in Beaverhead Drainage
68% are domestic wells
Wells
18000
15000
12000
9000
6000
3000
0
1975
1980
1985
1990
1995
2000
2005
1/16/07 DNRC – Mary Sexton 444-2074





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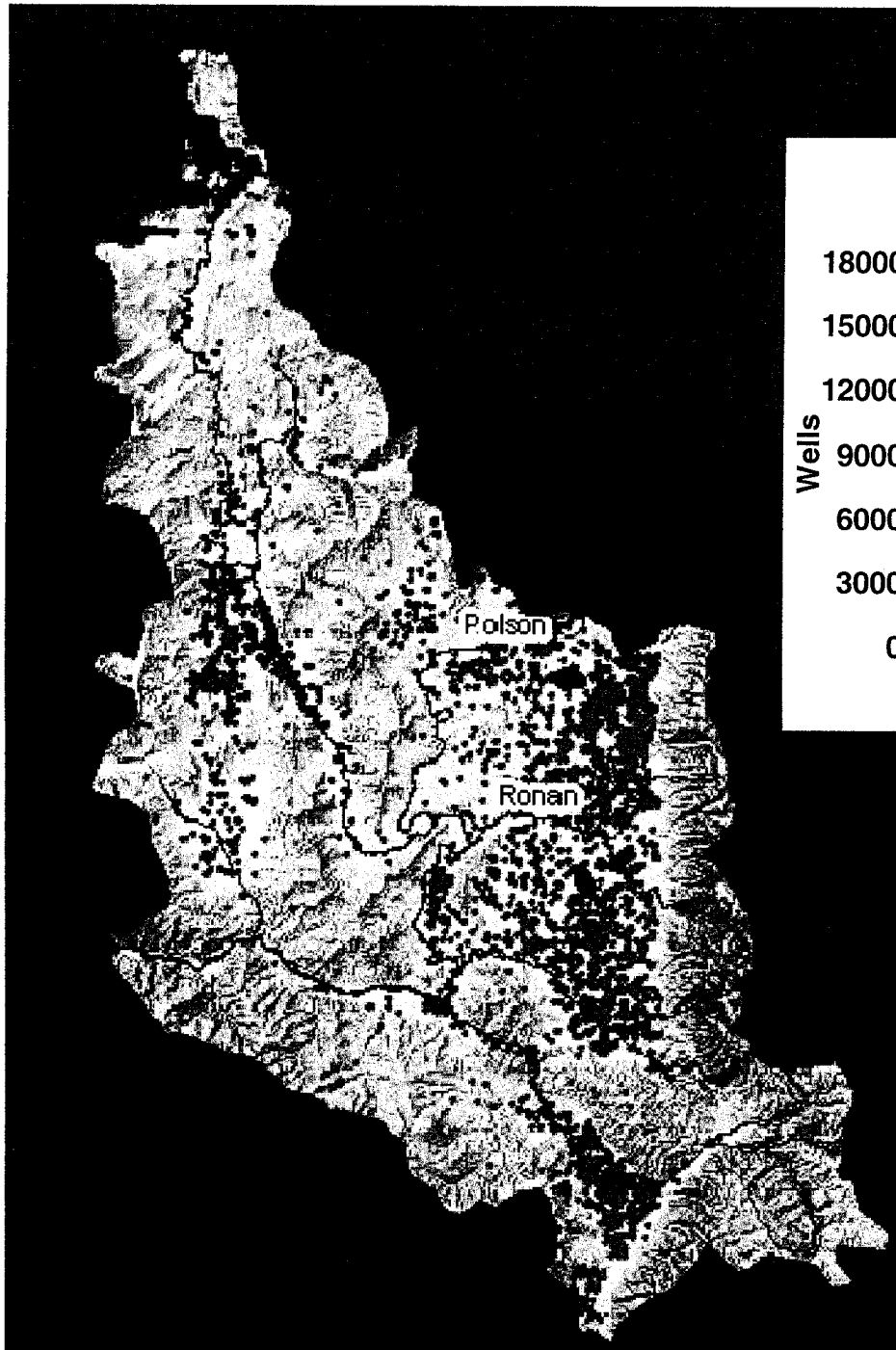

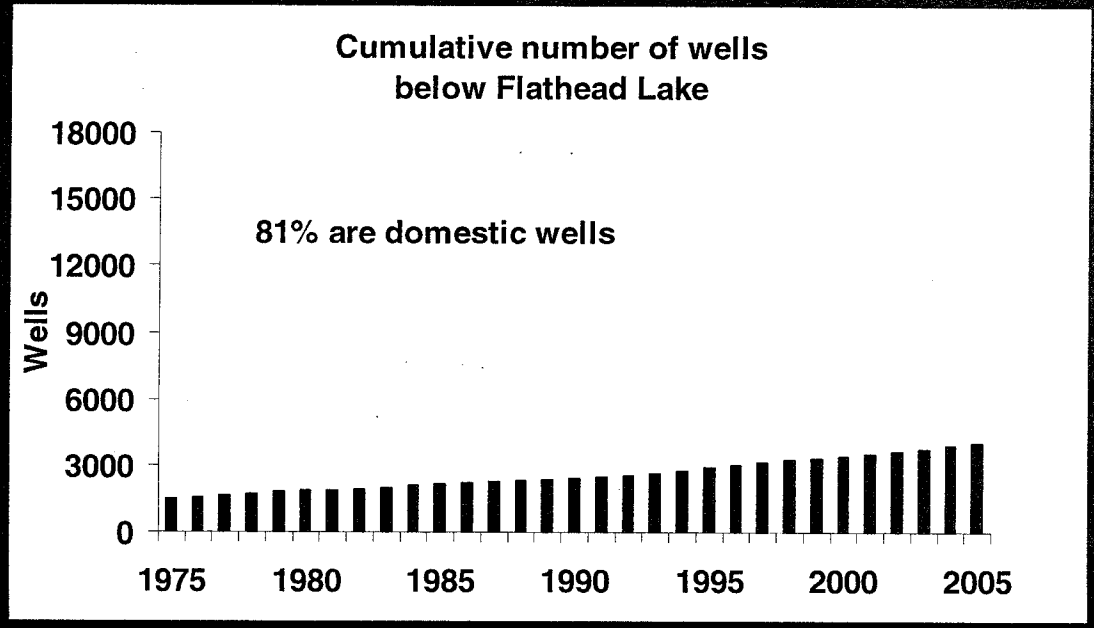

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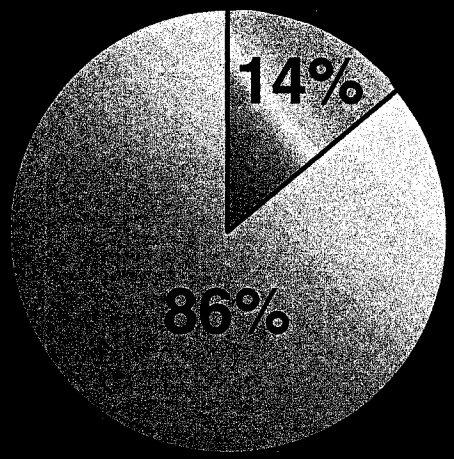
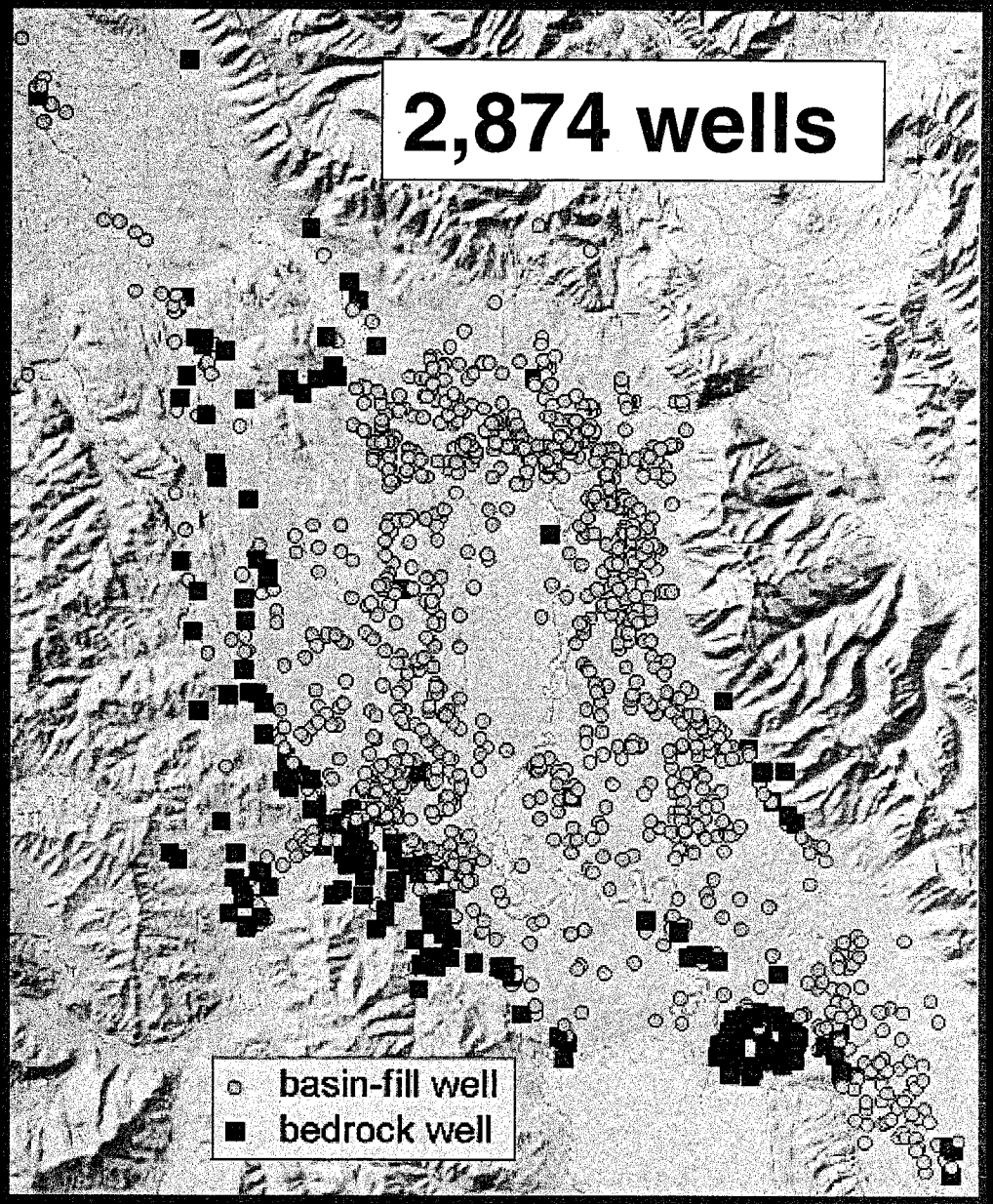
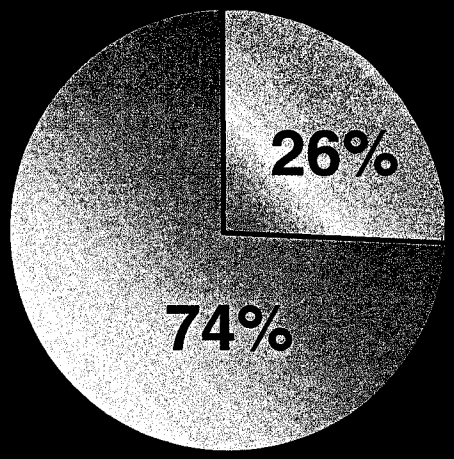
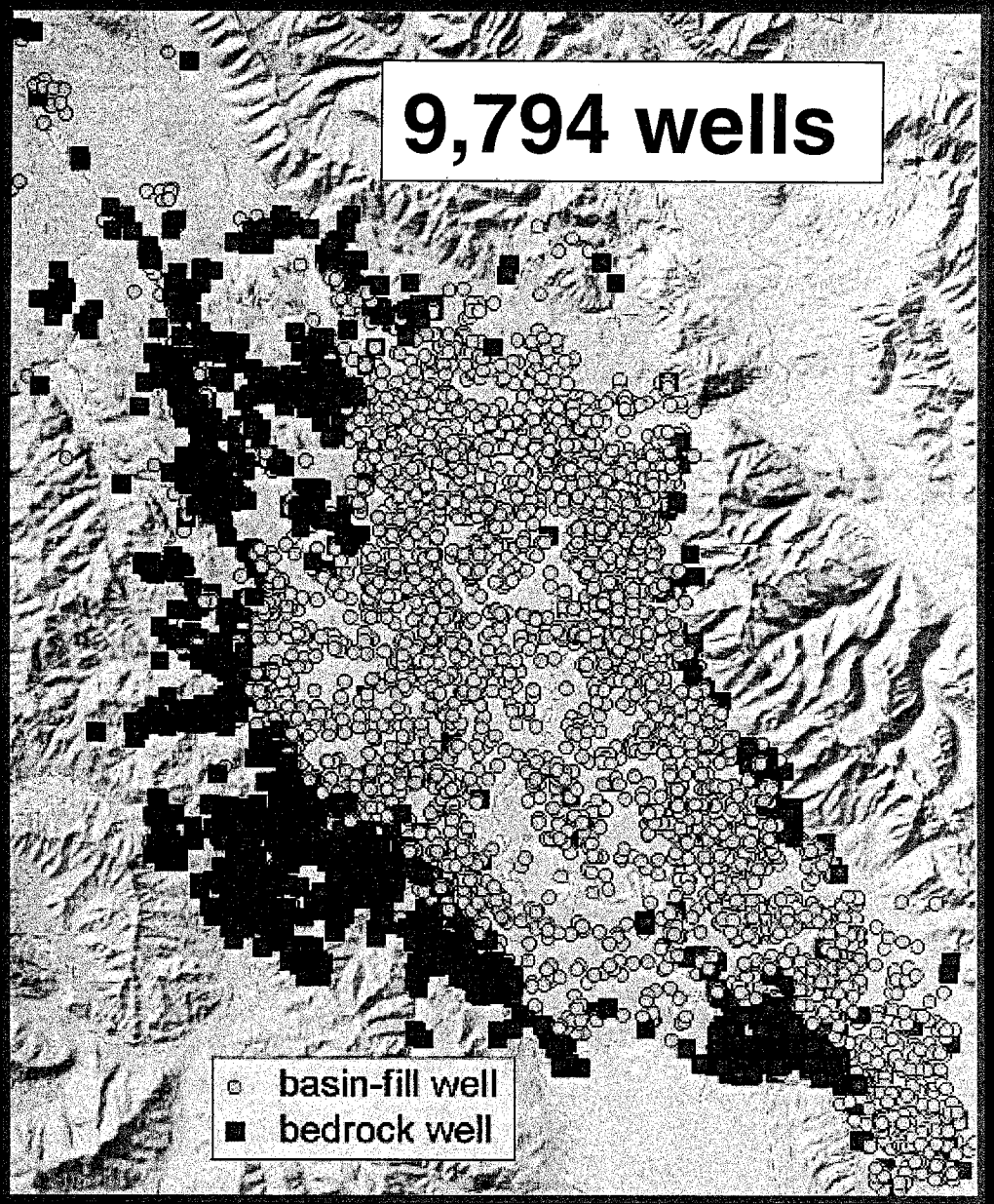
Bedrock aquifer development: Kalispell Valley-- 1975

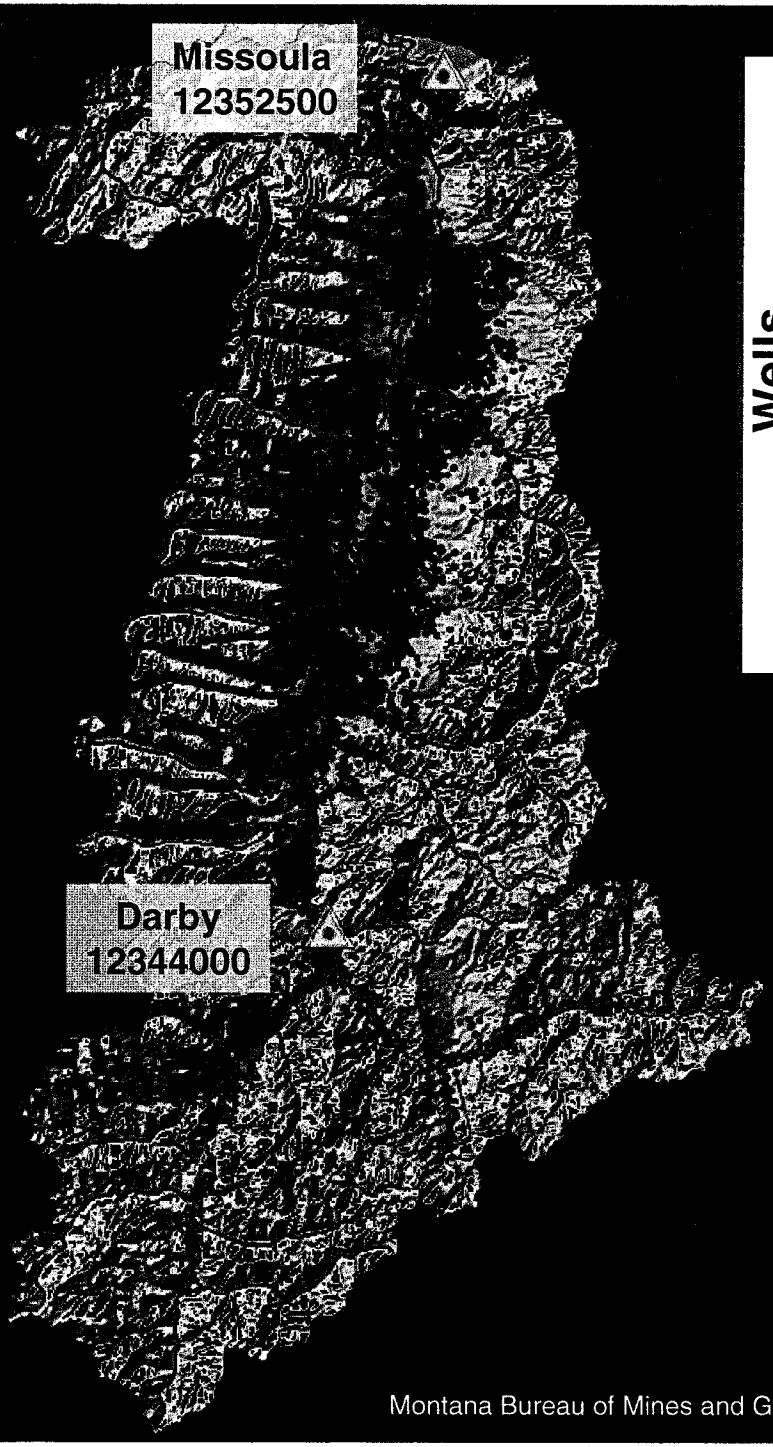




Bedrock aquifer development: Kalispell Valley-- 2001

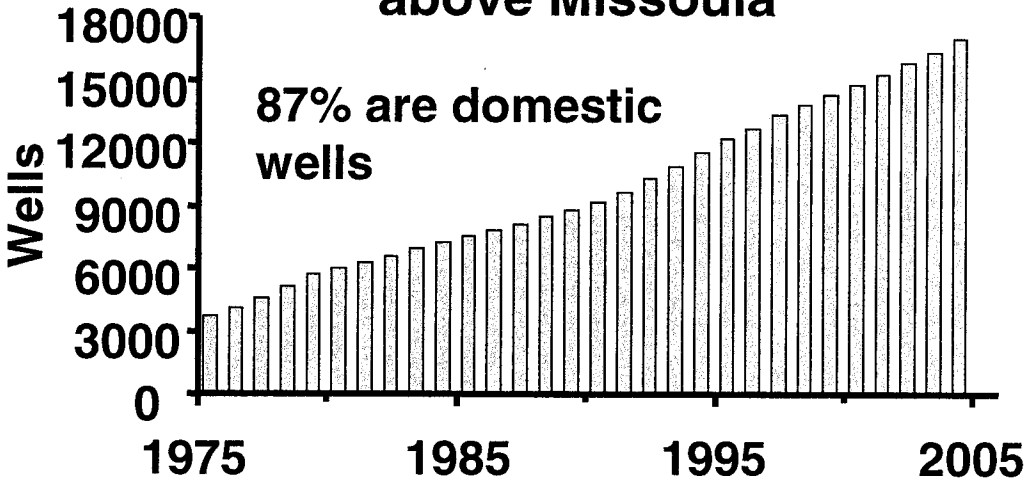






Cumulative number of wells above Missoula

87% are domestic wells



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