DEPARTMENT OF THE INTERIOR PREPARED IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY WYOMING STATE ENGINEER 107045 R. 91 W. Alkoli Spring-& Lodge Zeisman'. Hyottvilley Dome 9 49 BIG HORN WASHAKIE Brokenback 148 Ô igwam Fish! ~ Hidden .Rearing/ HHILLICH HUM Tensleep Fault 30 440 001-Cottonwood Creek Oil Field Spring 439 451-WASHAKIE HOT SPRINGS COUNTY COUNTY Spring 42-88-30ad, Spring Base from U.S. Geological Survey 1:250,000 quadrangles, Sheridan, 1962, and Arminto, 1973. 20 MILES 20 KILOMETERS

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PLATE 5

EXPLANATION

ROCKS YOUNGER THAN TENSLEEP SANDSTONE
TENSLEEP SANDSTONE AND OLDER ROCKS

FOLDS AND LINEAR FEATURES

Approximate location of axial plane of anticline
 Approximate location of axial plane of syncline
 Approximate location of axial plane of monocline

Fault, D. downthrown side; U, upthrown side

Linear feature obtained from Landsat-1 imagery

Linear feature obtained from aerial photographs.
Linear features shown only in area between
south-central T. 43 N. and north-central T.
50 N. Linear features that coincide with
those obtained from Landsat-1 imagery are
not shown separately

LARGE-CAPACITY FLOWING ARTESIAN WELL

SPRING

CONTACT

(200) R290

no. 84-621

REACHES OF TENSLEEP CREEK AND POSSIBLY
PAINT ROCK AND MEDICINE LODGE CREEKS
THAT RECEIVE INFLOW FROM GROUND WATER
MOVING UPWARD FROM THE PALEOZOIC
AQUIFERS

