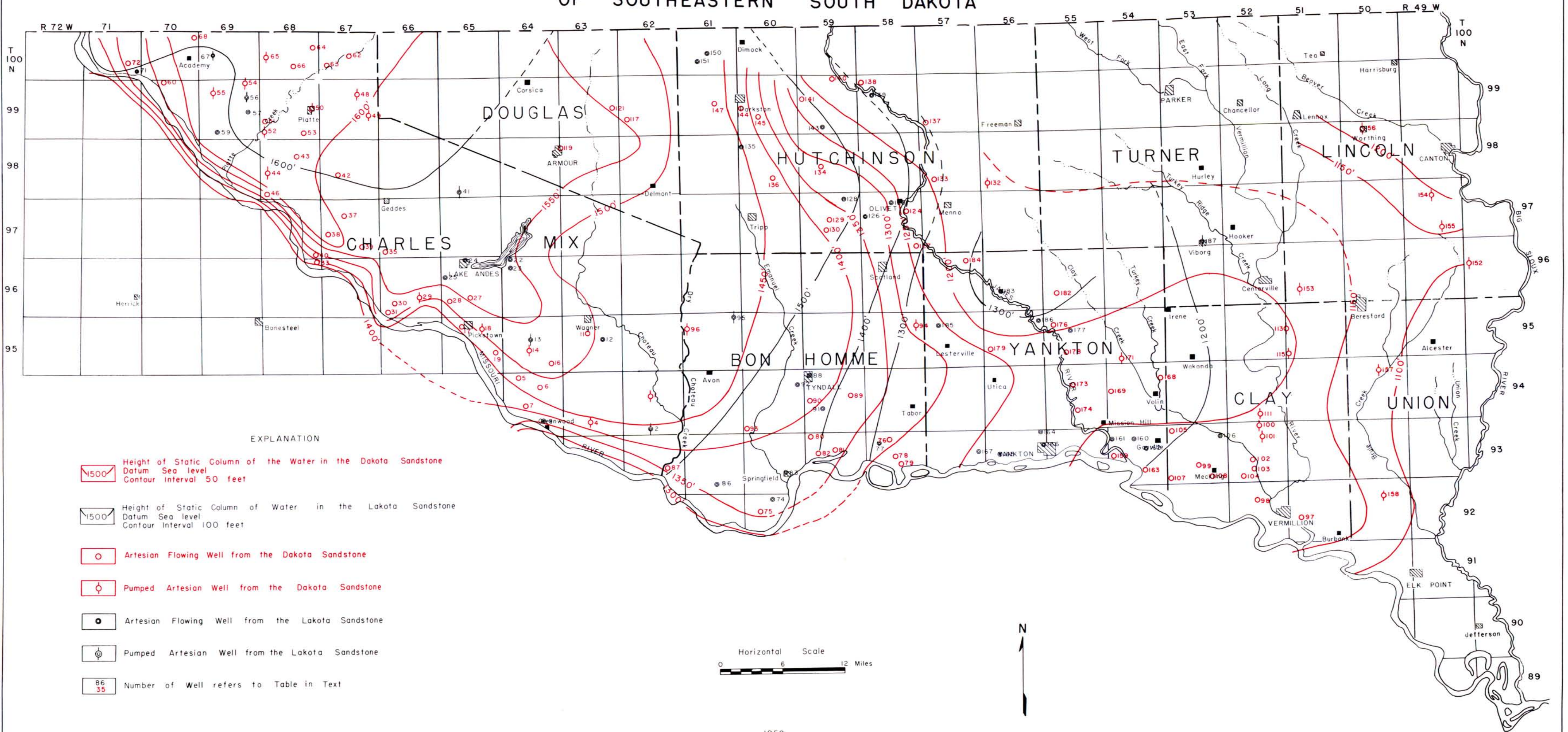


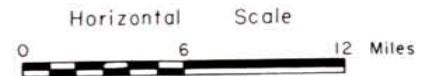
PIEZOMETRIC MAP

OF SOUTHEASTERN SOUTH DAKOTA



EXPLANATION

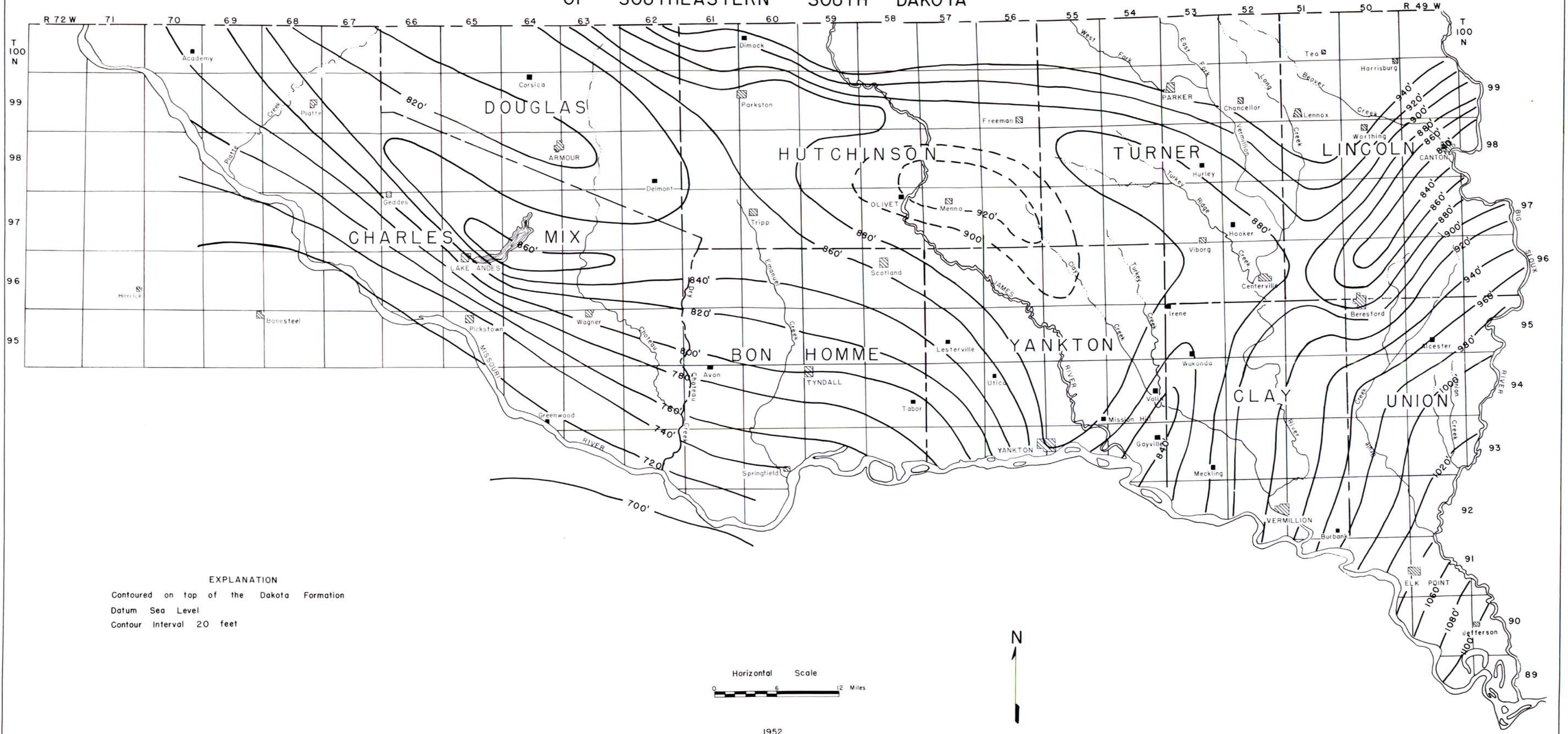
- Height of Static Column of the Water in the Dakota Sandstone
Datum Sea level
Contour Interval 50 feet
- Height of Static Column of Water in the Lakota Sandstone
Datum Sea level
Contour Interval 100 feet
- Artesian Flowing Well from the Dakota Sandstone
- Pumped Artesian Well from the Dakota Sandstone
- Artesian Flowing Well from the Lakota Sandstone
- Pumped Artesian Well from the Lakota Sandstone
- Number of Well refers to Table in Text



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STRUCTURE MAP

OF SOUTHEASTERN SOUTH DAKOTA



EXPLANATION

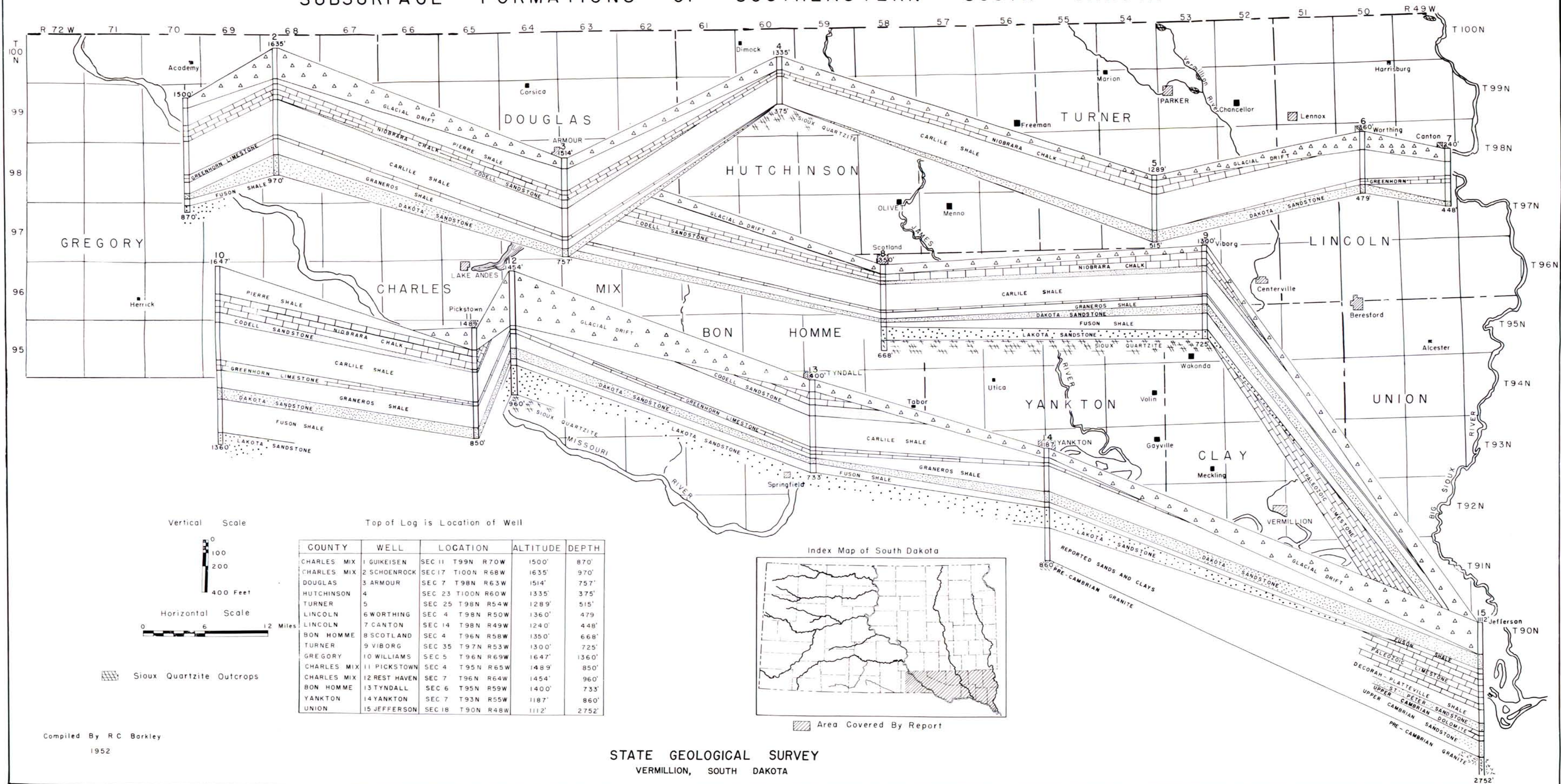
Contoured on top of the Dakota Formation
Datum Sea Level
Contour Interval 20 feet



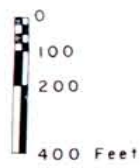
1952
STATE GEOLOGICAL SURVEY
VERMILLION, SOUTH DAKOTA

PANEL DIAGRAM

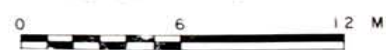
SUBSURFACE FORMATIONS OF SOUTHEASTERN SOUTH DAKOTA



Vertical Scale



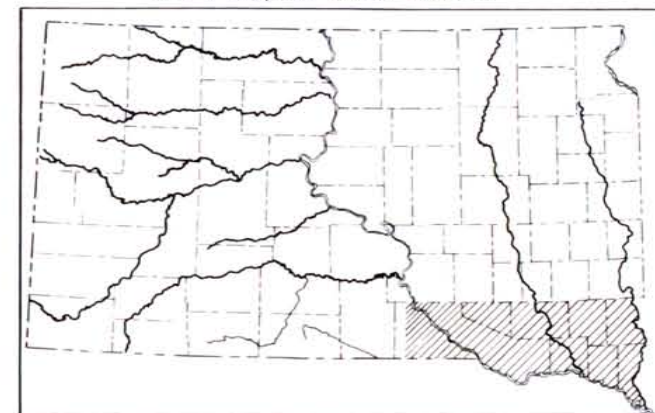
Horizontal Scale



Top of Log is Location of Well

COUNTY	WELL	LOCATION	ALTITUDE	DEPTH
CHARLES MIX	1 GUIKEISEN	SEC 11 T 99N R 70W	1500'	870'
CHARLES MIX	2 SCHOENROCK	SEC 17 T 100N R 68W	1635'	970'
DOUGLAS	3 ARMOUR	SEC 7 T 98N R 63W	1514'	757'
HUTCHINSON	4	SEC 23 T 100N R 60W	1335'	375'
TURNER	5	SEC 25 T 98N R 54W	1289'	515'
LINCOLN	6 WORTHING	SEC 4 T 98N R 50W	1360'	479'
LINCOLN	7 CANTON	SEC 14 T 98N R 49W	1240'	448'
BON HOMME	8 SCOTLAND	SEC 4 T 96N R 58W	1350'	668'
TURNER	9 VIBORG	SEC 35 T 97N R 53W	1300'	725'
GREGORY	10 WILLIAMS	SEC 5 T 96N R 69W	1647'	1360'
CHARLES MIX	11 PICKSTOWN	SEC 4 T 95N R 65W	1489'	850'
CHARLES MIX	12 REST HAVEN	SEC 7 T 96N R 64W	1454'	960'
BON HOMME	13 TYNDALL	SEC 6 T 95N R 59W	1400'	733'
YANKTON	14 YANKTON	SEC 7 T 93N R 55W	1187'	860'
UNION	15 JEFFERSON	SEC 18 T 90N R 48W	1112'	2752'

Index Map of South Dakota



Area Covered By Report

Compiled By R C Barkley
1952

STATE GEOLOGICAL SURVEY
VERMILION, SOUTH DAKOTA