# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title Page</td>
<td>1</td>
</tr>
<tr>
<td>Greetings</td>
<td>8</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>2-3</td>
</tr>
<tr>
<td>WGA Officers and Field Conference Committee</td>
<td>9</td>
</tr>
<tr>
<td>In Memoriam</td>
<td>4-5-6-7</td>
</tr>
<tr>
<td>Stratigraphic Chart</td>
<td>10</td>
</tr>
<tr>
<td>List of Advertisers</td>
<td>184</td>
</tr>
</tbody>
</table>

## PETROLEUM

- **AMOS DRAW FIELD, CAMPBELL COUNTY, WYOMING** — by William F. Von Drehle ........................................... 11

- **GEOLOGY AND ENGINEERING ASPECTS OF BUCK DRAW FIELD, CAMPBELL & CONVERSE COUNTIES, WYOMING** — by C. M. Hawkins and S. Formhals ................................................... 33

- **HOUSE CREEK FIELD; PAST AND FUTURE** — by J. M. Sabel ................................. 45

- **MEETEETSE FIELD, BIGHORN BASIN, WYOMING** — by Roger G. Wolff and Robert W. Roy ........................................... 51

## STRUCTURE

- **STRESS ANALYSIS OF THE CASPER MOUNTAIN — EMIGRANT GAP ANTICLINE JUNCTURE, NATRONA COUNTY, WYOMING** — by William C. Beck and Arthur E. Burford ................................................... 59

- **TECTONISM IN THE MID-CRETACEOUS FORELAND, SOUTHEASTERN WYOMING AND ADJOINING AREAS** — by E. A. Merewether and W. A. Cobban ................................................... 67

## STRATIGRAPHY AND SEDIMENTATION

- **GRIEVE PALEOVALLEY OF THE MUDDY SANDSTONE IN THE EASTERN WIND RIVER BASIN, WYOMING** — by William H. Curry, III ................................. 75

- **LOWER CRETACEOUS PALEOGEOGRAPHY, BIG MUDDY-SOUTH GLENROCK AREA, SOUTHWEST POWDER RIVER BASIN, WYOMING** — by W. R. Merschat ................................................... 81

- **DELTAIC SYSTEMS IN THE EARLY CRETACEOUS FALL RIVER FORMATION, SOUTHERN POWDER RIVER BASIN, WYOMING** — by Donald L. Rasmussen, Connie J. Jump and Katherine A. Wallace ................................................... 91

- **LEWIS SHALE, SOUTH-CENTRAL WYOMING: SHELF, DELTA FRONT, AND TURBIDITE SEDIMENTATION** — by Robert D. Winn, Jr., Michele G. Bishop and Paul S. Gardner ................................................... 113

- **DEPOSITIONAL PATTERNS AND UNCONFORMITIES, UPPER CRETACEOUS, EASTERN POWDER RIVER BASIN, WYOMING** — by Robert J. Weimer and Akiva Flexer ................................................... 131

## HYDROLOGY

- **HYDRODYNAMIC FLOW IN THE LOWER CRETACEOUS MUDDY FORMATION, NORTHEAST POWDER RIVER BASIN, WYOMING AND MONTANA** — by R. R. Berg, G. M. Larberg and L. D. Recker ................................................... 149
PALEONTOLOGY

REPTILIAN MARKINGS ON THE UPPER MOWRY SHALE EMIGRANT GAP AREA, NATRONA COUNTY, WYOMING — by Arthur E. Burford ................................................................. 157

NONMAMMALIAN VERTEBRATE FAUNAS FROM THE LATE CRETACEOUS OF WYOMING — by Brent H. Breithaupt ................................................................. 159

ROAD LOGS

ROAD LOGS ..................................................................................................................................................... 177