

THE GEOLOGICAL SURVEY OF WYOMING

Gary B. Glass, State Geologist

BULLETIN 61

BIBLIOGRAPHY AND INDEX
OF WYOMING URANIUM
THROUGH 1973

by

Carle E. Banks , David Copeland , and W. Dan Hausel



LARAMIE, WYOMING

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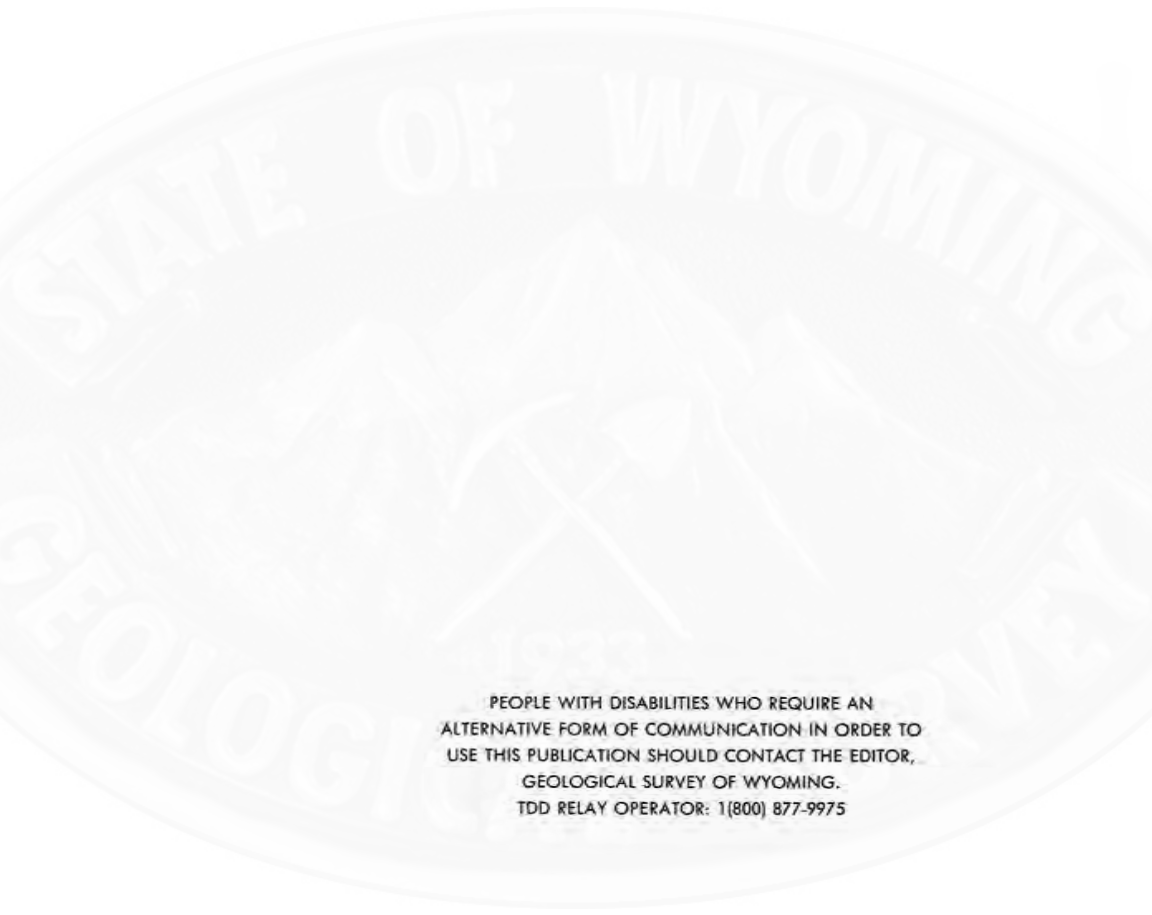
Carle E. Banks¹, David Copeland², and W. Dan Hausel³

(1) *The Sunoco Energy Development Co., Dallas*

(2), (3) *The Geological Survey of Wyoming, Laramie*

LARAMIE, WYOMING

1981



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INTRODUCTION

This bibliography was compiled by Carle Banks in 1973, revised and indexed by David Copeland during 1977 and 1978, and again revised and reindexed by W. Dan Hausel in 1981. We have tried to include all useful material published during the postwar period through 1973.

This bibliography is selective in that we have excluded most abstracts, environmental impact statements, and reports not available to the public. We have included reports that are unavailable for distribution because they are out of print: these exist in the files of some industry geologists and in some company libraries, or may be seen at such depositories as:

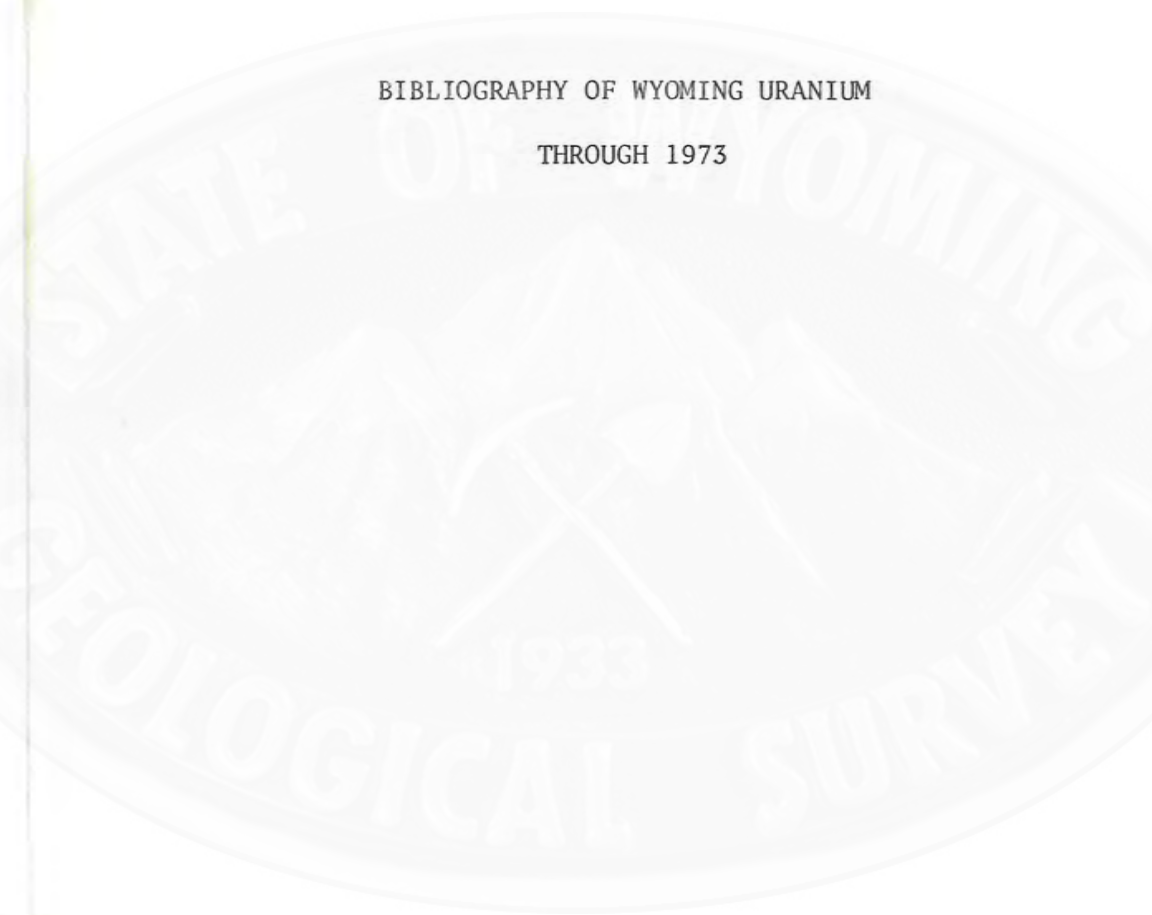
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We have included reports on those parts of the southern Black Hills which occur in South Dakota, mostly in Fall River County, because the Inyan Kara Group rocks which they describe continue directly into northeast Wyoming.



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- TEI-423 Theobald, P.K., 3.
- TEI-440 Botinelly, T.; Breger, J.A., 4; Cannon, H.L., 2; Gott, G.B., 7; Love, J.D., 7; Masursky, H., 5; Moxham, R.M., 3; Pipiringos, G.N., 2; Riley, L.B., 1; Schopf, J.M.; Sharp, W.N., 1; U.S.G.S., 10; Vine, J.D., 8.
- TEI-461 Cuttitta, F.
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- TEI-540 Butler, A.P., 2; Cheney, T.M.; Coats, R.R., 2; Finch, W.I., 1; Fix, P.F., 1; Gott, G.B., 8; Love, J.D., 11; Masursky, H., 6; Pritchard, G.E., 3; Robinson, C.S., 2; Sharp, W.N., 3; Stephens, J.G., 4; U.S.G.S., 12; Weeks, A.D., 1; Zeller, H.D., 3.
- TEI-590 Bergendahl, M.H., 1; Dempsey, W.J., 1; Love, J.D., 12,13; Neuerburg, G.J., 1; Post, E.V., 1; Pritchard, G.E., 2; Rich, E.I., 1; Sharp, W.N., 4; Stephens, J.G., 3; U.S.G.S., 13; Vickers, R.C., 2; Zeller, H.D., 2.
- TEI-612 Bunker, C.M.
- TEI-620 Bergendahl, M.H., 2; Black R.A., 1,2; Dempsey, W.J., 3; Gott, G.B., 10; Love, J.D., 14; McKelvey, V.E., 6; Osterwald,

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- TEI-657 Coleman, R.G., 4.
- TEI-690 Bell, H., 3; Bergenback, R.E.; Bergendahl, M.H., 4; Braddock, W.A., 4; Brobst, D.A., 4; Coleman, R.G., 3; Cuppels, N.P., 2; Davis, R.E., 2; Gott, G.B., 12; Guillou, R.B.; Post, E.V., 3; Rich, E.I., 4; Robinson, C.S., 6; Schnabel, R.W., 2; Sharp, W.N., 8; Shawe D.R., 3; U.S.G.S., 17,18; Zeller, H.D., 8.
- TEI-700 Gott, G.B., 11; Izett, G.A.; Mapel W.J., 4; Myers, A.T., 1; Robinson, C.S., 5; U.S.G.S., 19; Zeller, H.D., 10.
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- H.M.; Geslin, G.E.; Granger, H.C., 1; Koope, E.F., 2; Love, J.D., 1; Magleby, D.N., 5; Mallory, N.S., 1; Meschter, D.Y., 3; Mills, R.K.; Mrak, V.A., 1,2; Rubin, B.; Scott, J.H., 1; Sharp, W.N.
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- Browns Park Formation --- Magleby, D.N., 6,7; Ormond, A.; Rich, E.I., 4; Theobald, P.K.
- Busfield deposit -- MacPherson, B.A., 1,2
- Carlile deposit --- Bodine, M.W., Jr.; Bergendahl, M.H., 1,2,3,4,5
- Coal Canyon --- Gulbrandsen, R.A., 1
- Copper Mountain --- Adler, H.H., 3; Dean, B.G.; Keefer, W.R., 6,7; Loomis, T.H.W., 2; Tourtelot, H.A.; Whitcomb, H.A.
- Craven Canyon area (SD) --- Page, L.R., 2
- Crazy Woman Creek area --- Hose R.K.
- Crooks Gap - Green Mountain area --- Austin, S.R.; Bailey, R.V., 3,4; Bradley, W.H., 2; Case, J.E.; Dean, B.G.; Denson, N.M., 3; Files, F.G.; Groth, F.A.; Grutt, E.W., 5; Haji-Vassiliou, A.; Love, J.D., 7; Marshall, C.H., 1,2,3; Melbye, C.E.; Pipiringos, G.N., 10; Redman, D.E.; Sheridan, D.M., 5; Stephens, J.G., 1,3,4,5,7; Welder, G.E.; Whalen, J.F., 1,2,3; Whitcomb, H.A.
- Crow Creek - Muskrat Creek area --- Murphy, J.F.
- Deadwood Conglomerate (Bald Mountain, area) --- McKinney, A.A.
- Devil's Tower area --- Henderson, J.R., 1
- DuNoir area --- Keefer, W.R., 1,2
- Edgemont District (SD) --- Bowles, C.G., 3; Braddock, W.A., 1
- Gas Hills --- Adler, H.H., 3; Anderson, D.C.; Armstrong, F.C.; Austin, S.R.; Case, J.E.; Cheney, E.S., 1,2,3; Coleman, R.G., 1,2,3,4; Cooper, M., 2; Coulson, R.; Denson, N.M., 3; Erickson, E.C.;

- Everett, F.D., 3; Files, F.G.; Griffiths, J.C., 2; Gruner, J.W., 1,4,7; Grutt, E.W., 1,5,7; Guillinger, R.R., 4; Hadfield, J.P.; Haji-Vassiliou, A.; Hough, H.W., 3; Keefer, W.R., 6,7; King, J.W., 2; Littlefield, E.W.; Loomis, T.G.W., 1; Love, J.D., 4,6; Marks, L.Y.; Osterwald, F.W., 10; Rackley, R.I., 1,2; Redman, D.E.; Rosholt, J.N. 6,9; Snow, C.D.; Soister, P.E., 1,3,4,5,6,7,8; U.S.A.E.C., 8; Updegraff, D.M.; Van Houten, F.B., 1,2,3,4,5; Warren, C.G., 1; Whalen, J.F., 2; Whitcomb, H.A.; Zeller, H.D., 1,2,3,4,5,6,7,8,9,10,11
- Granite Mountain area --- Love, J.D., 19, 19; Rosholt, J.N., 11
- Great Divide Basin (Red Desert) --- Bailey, R.V., 3,4; Breger, J.A., 2,3,6; Cannon, H.L., 1; Masursky, H., 7,8,9; McKeel, B.K., 1,2; Nelson, R.A.; Pipiringos, G.N., 1,2,3,4,5,6,7,10; U.S.G.S., 1; Welder, G.E.; Wyant, D.G., 1,2,3,5
- Green River Basin-Rock Springs uplift --- Bradley, W.H., 2,3; Love, J.D., 13,17; Magleby, D.N., 7,8; Miller, D.N., 6; Winterhalder, E.C.
- Hamms Fork region --- Gulbrandsen, R.A., 1
- Hartville uplift --- Denson, N.M., 1
- Hanna Basin --- Love, J.D., 11; Ruzycki, J.
- Heath's Peak --- Harshman, E.N., 9
- Hiland - Clarkson Hill area -- Rich, E.I., 1,2, 3,4,5
- Hulett Creek area --- Gorman, L.A.; Horner, W.P.; Robinson, C.S., 4,5,6,8
- Inyan Kara Group --- Bergenback, R.E.; Waage, K.M.; Yater, A.N.
- Kaycee area --- Childers, M.O.
- Ketchum Buttes --- Bradley, W.H., 2; Grutt, E.W., 3; Magleby, D.N., 6; Vine, J.D., 13; Welder, G.E.

- Lakota Formation (SD) --- Mapel, W.J., 8
- Lance Creek area --- Bromley, C.P., 2; Guillinger, R.R., 2
- Laramie Range --- Dempsey, W.J., 2; Guillinger, R.R., 1; Smith, E.W., 1; Theobald, P.K.
- Long Creek, Beaver Divide area --- Van Houten, F.B., 2
- Long Mountain (SD) --- Braddock, W.A., 3
- Lost Creek area (schroekingerite deposit) --- Guillotte, G.B.; Page, L.R., 1; Sheridan, D.M. 1,2,3,4,5; Wyant, D.G., 1,2,3;
- Lost Soldier - Green Mountain area -- Groth, F.A.
- Little Mountain --- Dean, B.G.; Hart, O.M., 1; Hauptman, C.M., 1,2; U.S.A.E.C., 8
- Lucky Mc mine --- Coleman, R.G., 4
- Lusk area --- Mallory, N.S., 2; Wilmarth, V.R., 4
- Mayoworth --- Guillinger, R.R., 3; Love, J.D., 4,9
- Medicine Bow Mountains --- Houston, R.S., 3
- Miller Hill --- Del Mauro, G.L., 1; Love, J.D., 5; U.S.G.S., 5; Vine, J.D., 6,7,8,13
- Mounument Hill district --- See Turner Crest District
- Morrison Formation --- Osterwald, F.W., 1; Smith, K.G., 1,2; Mapel, W.J., 1,4,6
- Muddy Gap --- Mc Graw, R.B., 2
- Newcastle area --- Mapel, W.J., 10
- Oregon Buttes area --- Zeller, H.D., 12
- Phosphoria Formation --- see Phosphorite, Phosphoria Formation
- Poison Basin area --- See Baggs
- Powder River Basin --- Beikman, H.M.; Bromley, C.P., 2; Brown, R.W.; Childer, M.O.; Davidson, D.F., 1,2,3,4; Davis, J.F., 1,2; Del Mauro, G.L., 2; Denson, N.M., 3,7; Dobbin, C.E., 1 Everett, F.D., 2; Geslin,

- H.E.; Granger, H.C., 1; Gruner, J.W., 1,4; Grutt, E.W., 7; Hagmaier, J.L., 2; Jones, E.E.; Koppe, E.F., 4; Kourt, W.K.; Langen, R.E., 1,2; Lindlof, R.G., 2; Love, J.D., 1,2,3; Magleby, D.N., 1,2,3,4,5; Mallory, N.S., 1; Mills, R.K.; Mrak, V.A., 1,2; Rosholt, J.N., 8,10; Rubin, B.; Sharp, W.N., 1,2,3,4,5,6,7,8,9,10,11,12; Troyler, M.L., 2,3,4,5; U.S.G.S., 4
- Pryor - Bighorn Mountains --- Hart, O.M., 1; Hauptman, C.M., 1,2; Jones, E.E.
- Puddle Spring arkos M. Wind River Formation --- Soister, P.E., 5
- Pumpkin Buttes -- Beikman, H.M.; Davidson, D.F., 1; Denson, N.M., 2; Geslin, H.D.; Gruner, J.W., 1; Love, J.D., 1,3,9; Magleby, D.N., 1,2,3,4; Mallory, N.S., 1; Mrak, V.A., 2; Sharp, W.N., 7,10,12; Troyer, M.L., 4
- Red Desert --- See Great Divide Basin
- Rock Springs uplift --- See Green River Basin
- Saratoga area --- Stephens, J.G., 6
- Shawnee - Lance Creek area --- Guillinger, R.R., 2
- Shirley and Pedro Mountains --- Graveson, D.H.; Love, J.D., 8; McGraw, R.B., 1; Ruzyccki, J.
- Shirley Basin --- Adler, H.H., 3,4; Austin, S.R.; Bailey, R.V., 1,2; Budo, S.; Denson, N.M., 7; Devoto, R.G.; Dooley, J.R.; Files, F.G.; Griffiths, J.C., 2; Haji-Vassiliou, A.; Harshman, E.N., 1,2,3,4,5,6,10,11,12; Melin, R.E., 2,3; Rackley, R.I., 1,2; Rosholt, J.N., 7; Schulte, J.J.; Smith, E.W., 2; U.S.A.E.C., 8; Warren, C.G. 1,2
- Sierra Madre mountains --- Theobald, P.K., 1
- Silver Cliff Mine --- Bromley, C.P., 1; Brown, B.W.; Larsen, E.S., 1; Mallory, N.S., 2; Osterwald, F.W., 2; West, J.F.; Wilmarth, V.R., 3,4

South Dakota, Black Hills --- Bartley, R.C.; Bell, H., 1,2,3; Bergenback, R.E.; Bergendahl, M.H., 1,2,3,4,5; Bodine, M.W.; Bowles, C.G., 1,2,3; Braddock, W.A., 1,2,3,4,5; Brobst, D.A., 1,2,3,4,5,6,7; Cuppels, N.P., 1,2,3,4,5,6; Davis, R.E., 1,2,3,4; Gill, J.R., 2; Gorman L.A.; Gott, G.B., 5,6,7,8,9,10,11,12,13,14; Gray, J.R., 1,2; Gries, J.P.; Grutt, E.W., 7; Hart, O.M., 2; Henderson, J.R., 1; Horner, W.P.; Hough, H.W., 1; Izett, G.A.; King, J.W., 1; MacPherson, B.A., 1,2; Mapel, W.J., 1,4,5,6,7,8,9,10; O'Harra, C.C., 1,2; Osterwald, F.W., 7; Page, L.R., 2; Pillmore, C.L., 2; Pipiringos, G.N., 8,9; Post, E.V., 1,2,3; Potter, L.D.; Renfro, A.R.; Robinson, C.S., 1,2,3,4,5,6,7,8,9,10,11,12; Rosholt, J.N., 4; Schnabel, R.W., 2; Scott, S.; Sharp, W.N., 9; Shawe, D.R., 2,3; U.S.A.E.C., 8; U.S.G.S., 3; Vickers, R.C., 1,2,3,4,5; Waage, K.M.; Wilmarth, V.R., 3,5; White, E.W.; Yater, A.N.

South Pass --- Bradley, W.H., 2; Whitcomb, H.A.

Southern Powder River Basin --- See Box Creek

Turner Crest District --- Monument Hill district --- Magleby, D.N., 5; Meschter, D.Y., 1,2; Mrak, V.A., 2;

Wamsutter area --- U.S.G.S., 1

Washakie Basin --- Welder G.E.

Williston Basin --- Denson, N.M., 5

Wind River Basin (also see Gas Hills) --- Bolmer, R.L.; Case, J.E.; Coleman, R.G., 1; Grutt, E.W., 1; Hadfield, J.P.; Keefer, W.R., 6,7; Loomis, T.H.W., 1; Rosholt, J.N., 6; Tourtelot, H.A.; Whitecomb, H.A.

Wind River district --- Coleman, R.G., 1

Wind River Formation --- Budo, S.; McKelvey, V.E., 2,5

Bibliography ---

exploration for minerals U.S.A.E.C. --- David, L.R., 2

- geology, mining interests, Black Hills region ---
O'Harra, C.C., 1
- geology of radioactive deposits (USGS reports) ---
Brown, A.
- geology of sandstone-type uranium deposits ---
Melin, R.E., 1
- geology of uranium-bearing coal, carbonaceous shale,
U.S. --- Kehn, T.M.
- geology of uraniferous, radioactive bituminous sub-
stance, exclusive of coal --- Jones, H.N.
- geology of uranium bearing marine black shales ---
Fix, C.E.
- geology of uranium-bearing veins --- Dean, B.G.
- geology of western phosphate field --- Harris, R.A.
Powder River Basin --- Del Mauro, G.L., 2
- North American geology, 1950-1959 --- King, R.R.
- radioactive mineral deposits (Wyo.) --- Wilson, W.H.,
8
- thorium --- David, L.R., 1
- thorium, rare earth deposits (U.S.) --- Buck, K.L.
- trace elements (U.S.G.S. reports) --- Curtis, D.,
1; Wallace, J.W.
- uranium and its compounds --- Allen, R.E.
- uranium-bearing phosphorites --- Curits, D., 2
- uranium exploration, geology of deposits --- Cooper,
M., 3
- uranium geology of igneous, metamorphic rocks ---
Curtis, D., 3
- uranium, thorium, 1942-1958 (USGS reports) ---
Soister, P.E., 2
- uranium, thorium in carbonaceous deposits ---
Cooper, M., 1

uranium, thorium occurrences --- Cooper, M., 2
uranium, thorium, rare earths (Wyo.) --- Osterwald,
F.W., 11
Wyoming geology, 1823-1916 --- Bovee, G.G.
Wyoming geology, 1917-1945 --- Troyer, M.L., 1
Wyoming geology, 1945-1949 --- Love, J.M.

Coal, carbonaceous material, bituminous substances ---
Bates, T.F.; Beroni, E.P., 1; Breger, J.A., 1,2,3,
4,5,6,7,8; Cooper, M., 1; Cuttitta, F.; Denson, N.M.,
2,4,5,6; Gill, J.R., 1; Gott, G.B., 4; Hail, W.J.,
1,2,3; Haines, G.J.; Jones, H.N.; Kehn, T.M.;
Koppe, E.F., 1,2,3,4,5; Love, J.D., 2; Mapel, W.J.,
2,3; Masursky, H., 1,2,3,4,5,6,7,8,9; Moore, G.W.
1; Nininger, R.D., 3; Pipiringos, G.N., 1,2,3,4,5,
6,7,10; Schopf, J.M.; Steinberg, M.; Titayeva, N.A.;
Vine, J.D., 1,3,4,6,11,14; White, E.W.

Computer programs, mathematical techniques --- Bostick,
N.H.; Boyle, T.L.; Flanagan, F.J.; Griffiths, J.C.,
1,2; Meehan, R.J.; Mickey, M.R.; Pederson, O; Scott,
J.H., 2,3,4,5,6,7; Young, H.B.

Counties

Albany County --- Guillinger, R.R., 1; Harshman, E.N.,
5,11; Rosholt, J.N., 11; Shannon, S.S.; Smith, E.W.,
1,2; Stevens, D.N.; Walker, G.W.

Big Horn County --- Hart, O.M., 1; McKinney, A.A.

Campbell County --- Beikman, H.M.; Beroni, E.P., 1;
Davidson, D.F., 1,4; Davis, J.F., 1,2; Denson, N.M.,
2,3; Geslin, H.W.; Gruner, J.W., 1; Hagmaier, J.L., 2;
Koppe, E.F., 2,4; Kourt, W.K.; Love, J.D., 1,3;
Magleby, D.N., 2,3,4; Mallory, N.S., 1; Mapel, W.J., 7;
Mrak, V.A., 1,2; Robinson, C.S., 3,12; Rosholt, J.N.,
8; Sharp, W.N., 7,9,10,12; Troyer, M.L., 4

Carbon County --- Adler, H.H., 4; Austin, S.R.;
Bailey, R.V., 2; Beroni, E.P., 2; Bradley,
W.H., 2,3; Dean, B.G.; Devoto, R.G.; Dooley,
J.R.; Files, F.G.; Finch, W.I., 2; Fix,
C.E.; Gableman, J.W., 1; Graveson, D.H.;

Griffiths, J.C., 2; Grutt, E.W., 3,5; Hail, W.J., 1,3; Harshman, E.N., 2,3,4,5,6,8,9,10,11,12; Love, J.D., 5; Magleby, D.N., 6; Melin, R.E., 2,3; Ormond, A.; Pipiringos, G.N., 10; Rackley, R.I., 1,2; Rosholt, J.N., 7; Shannon, S.S.; Smith, E.W., 2; Stephens, J.G., 6; U.S.A.E.C., 8,10; Vine, J.D., 9,13; Walker, G.W.; Warren, C.G., 1, 2; Welder, G.E.; Whitcomb, H.A.; Wood, H.B.

Converse County --- Beikman, H.M.; Davidson, D.F., 1,4; David, J.F., 1,2; Dean, B.G.; Denson, N.M., 3; Finch, W.I., 2,4; Geslin, H.E.; Guillinger, R.R., 1,2; Hagmaier, J.L., 2; Haji-Vassiliou, A.; Harshman, E.N., 5,11; Koppe, E.F., 2; Kourt, W.K.; Lane, D.W., 1; Love, J.D., 1; Magleby, D.N., 5; Mallory, N.S., 1; Meschter, D.Y., 1,2; Mills, R.K.; Mrak, V.A., 1,2; Rosholt, J.N., 8; Rubin, B.; Scott, J.H., 1; Sharp, W.N., 9, 11; Smith, E.W., 1; U.S.A.E.C., 10,11; Walker, G.W.;

Crook County --- Bratley, R.C.; Bell, H., 1; Bergendahl, M.H., 5; Bodine, M.W.; Davis, R.E., 4; Finch, W.I. 2,4; Gorman, L.A.; Gott, G.B., 9; Gray, J.R., 1,2; Hart, O.M., 2; Henderson, J.R., 1; Horner, W.P.; King, J.W., 1; Love, J.D., 1; MacPherson, B.A., 2; Mapel, W.J., 7,8,9; Merewether, E.A.; Nininger, R.D., 3; Pillmore, C.L., 2; Ormond, A.; Redman, D.E.; Renfro, A.R.; Robinson, C.S., 3,7,8,10,11,12; Rosholt, J.N., 4; Sharp, W.N., 9; Waage, K.M.; Walker, G.W.; Wilmarth, V.R., 2; Yater, A.N.

Fremont County --- Anderson, D.C.; Armstrong, F.C.; Austin, S.R.; Bailey, R.V., 3,4; Bell, K.G., 3; Beroni, E.P., 2; Bradley, W.H., 2,3; Breger, J.A., 3; Case, J.E.; Cheney, E.S., 2; Coleman, R.G., 1,4; Coulson, R.; Curtis, D., 2,3; Dean, B.G.; Denson, N.M., 3; Erickson, E.C.; Everett, F.D., 3; Files, F.G.; Finch, W.I., 2,4; Griffiths, J.C., 2; Gruner, J.W., 1,7; Grutt, E.W., 1,5; Guillinger, R.R., 4; Hadfield, J.P.; Haji-Vassiliou, A.;

- Keefer, W.R., 6,7; King, J.W., 2; Koppe, E.F., 2; Littlefield, E.W.; Loomis, T.H.W., 1; Love, J.D., 6,17,18; McKeel, B.K., 2; Melbye, C.E.; Murphy, J.F.; Osterwald, F.W., 7; Pipiringos, G.N., 10; Rackley, R.I., 1,2; Rosholt, J.N., 6; Sheldon, R.P., 5; Snow, C.D.; Soister, P.E., 3,4,5,6,7,8; Stephens, J.G., 7; Tourtelot, H.A.; Updegraff, D.M.; Van Houten, F.B., 1,2,5; Walker, G.W. Welder, G.E.; Whalen, J.F., 1,2,3; Whitcomb, H.A.; Winterhalder, E.C.; Zeller, H.D., 6,9,12
- Goshen County --- Denson, N.M., 1; Duncan, D.C.; Finch, W.I., 2,4; Gruner, J.W., 8; Lovering, T.G., 2; Mallory, N.S., 2; Merewether, E.A.; Swanson, V.E., 1; U.S.A.E.C., 8,11; Walker, G.W.; Wood, H.B.
- Hot Springs County --- Barrett, D.C.; Brooke, G.L.; Curtis, D., 2; Sheldon, R.P., 5; Tourtelot, H.A.
- Johnson County --- Beikman, H.M.; Bell, K.G., 3; Childers, M.O.; Davidson, D.F., 1,4; Davis, J.F., 1,2; Denson, N.M., 2,3; Gableman, J.W., 1; Geslin, H.E.; Gruner, J.W., 1; Guillinger, R.R., 3; Hagmaier, J.L., 2; Jones, E.E.; Koppe, E.F., 2; Kourt, W.K.; Love, J.D., 1,3,9; Magleby, D.N., 1; Mrak, V.A., 1,2; Rosholt, J.N., 8; Sharp, W.N., 7,9, 10,12; Troyer, M.L., 4; Walker, G.W.
- Laramie County --- Finch, W.I., 4; Gruner, J.W., 8; Lovering, T.G., 2; Merewether, E.A.; Smith, E.W., 1; U.S.A.E.C., 8,11; U.S.G.S., 29; Wood, H.B.
- Lincoln County --- Gott, G.B., 3; Gulbrandsen, R.A., 1; Vine, J.D., 1,4;
- Natrona County --- Harshman, E.N., 5; Love, J.D., 6; Smith, E.W., 2; Zeller, H.D., 6,7;
- Niobrara County --- Beikman, H.M.; Bowles, C.G., 3; Bromley, C.P., 2; Davidson, D.F., 3; Dean, B.G.; Denson, N.M., 1; Duncan, D.C.; Finch, W.I., 2,4; Gruner, J.W., 8; Guillinger, R.R., 2; Love, J.D., 1; Lovering, T.G., 2; Mallory, N.S., 2; Melin, R.E., 1; Merewether, E.A.; Swanson, V.E., 1; U.S.A.E.C., 8, 11; U.S.G.S., 29; Walker, G.W.; Wilmarth, V.R., 4;

Wood, H.B.

Platte County --- Denson, N.M., 1; Duncan, D.C.;
Finch, W.I., 2,4; Gruner, J.W., 8; Lovering,
T.G., 2; Mallory, N.S., 2; Merewether, E.A.;
Smith, E.W., 1; U.S.A.E.C., 8,11; U.S.G.S.,
29; Wood, H.B.

Sheridan County --- McKinney, A.A.

Sublette County --- Zeller, H.D., 12

Sweetwater County --- Bailey, R.V., 3; Breger, J.A.,
5,6; Groth, F.A.; Nelson, R.A.; Pipiringos, G.N.,
6; Root, F.K., 2; Sheridan, D.M., 1,2,4,5; Vine,
J.D., 4; Winterhalder, E.C.

Teton County --- Smith, K.G., 2;

Uinta County --- Vine, J.D., 3

Weston County --- Beikman, H.M.; Bell, H., 1; Bowles,
C.G., 3; Brobst, D.A., 7; Davidson, D.F., 4;
Duncan, D.C.; Finch, W.I., 2,4; Gruner, J.W.,
8; King, J.W., 1; Love, J.D., 1; Lovering, T.G.,
2; Mapel, W.J., 8,9,10; Merewether, E.A.; Robinson,
C.S., 3,10,12; U.S.A.E.C., 8,11; U.S.G.S., 29;
Waage, K.M.; Wood, H.B.; Yater, A.N.

Evaporites --- Bell, K.G., 1

Fossil bones, radioactive --- Smith, K.G., 2

Genesis --- Adler, H.H., 2,3,4,5,6,7; Altschulter,
Z.S.; Anderson, D.C.; Armstrong, F.C.; Austin,
S.R.; Bailey, R.V., 3,4; Bain, G.W., 1; Bartley,
R.C.; Bergendahl, M.H., 5; Bowles, C.G., 3;
Butler, A.P., 7; Cheney, E.S., 2,3; Coates, R.R.,
1,2,3; Coleman, R.G., 1; Colorado School of Mines
Research Foundation; Davis, J.F., 1,2; Dement'
yev, V.S.; Dooley, J.R.; Erickson, E.C.; Evseeva,
L.S., 1,2; Files, F.G.; Finch, W.I., 2,4; Fischer,
R.P.; Gableman, J.W., 2; Garrels, R.M.; Germanov,
A.N.; Gorman, L.A.; Gott, G.B., 9; Granger, H.C.,
2; Graveson, D.H.; Gruner, J.W., 6,7; Grutt, E.W.,
1,4,5; Guillinger, R.R., 1,3,4; Hagmaier, J.L.,
1,2; Harshman, E.N., 2,3,4,6,8,11,12; Hart, O.M.,

2; Haputman, G.M., 1; Hostetler, P.B.; Houston, R.S., 4; Jensen, M.L.; Kashirtseva, M.F., 3; Kholodov, V.N.; Klepper, M.R.; Lisitsin, A.K., 1,2; Love, J.D., 6,9,17,18; Lovering, T.G., 2; Masursky, H., 7,9; McKelvey, V.E., 5,8; Melin, R.E., 2,3; Mills, R.K.; Mrak, V.A., 1,2; Page, L.R., 5; Pipiringos, G.N., 7; Rackley, R.I., 1, 2,3; Renfro, A.R.; Rosholt, J.N., 6,7,9,10; Rubin, B.; Sharp, W.N., 12; Shawe, D.R., 1; Sheridan, D.M., 5; Sims, H.M.; Swanson, V.E., 1; Vickers, R.C., 5; Vine, J.D., 10; Walker, G.W.; Warren, C.G., 1,2; Waters, A.C.; Webb, M.D.; Whalen, J.F., 3; Wood, H.B., 1; Zeller, H.D., 9

Geobotanical exploration --- see Plants as indicators

Geological quadrangles, (photogeologic quadrangles)

Carlile quadrangle --- Bergendahl, M.H., 5

Clifton quadrangle --- Cuppels, N.P., 6

Coyote Springs quadrangle --- Soister, P.E., 6

Crooks Creek SE quadrangle --- (Marshall, C.H., 1)

Crooks Creek SW quadrangle --- (Marshall, C.H., 2)

Dewey quadrangle --- Brobst, D.A., 7

Inyan Kara Mountain quadrangle --- Mapel, W.J., 9

Jewel Cave SE quadrangle --- Braddock, D.A., 5

Muskrat Basin quadrangle --- Soister, P.E., 3

Nefsy Divide quadrangle --- Pillmore, C.L., 2;
Robinson, C.S., 7

Puddle Springs quadrangle --- Soister, P.E., 7

Rongis Reservoir SE quadrangle --- Soister, P.E., 4

Split Rock SW quadrangle --- (Marshall, C.H., 3)

Strawberry Hill quadrangle --- Davis, R.E., 4

Geology --- Armstrong, F.C.; Barrett, D.C.; Beikman, H.M.; Bell, K.G., 3; Bergendahl, M.H., 5; Beroni, E.P., 1; Bowles, C.G., 3; Braddock, W.A., 1,3,5; Bradley, W.H., 2,3; Brobst, D.A., 1,2; Butler

A.P., 1; Case, J.E.; Childers, M.O.; Coleman, R.G., 1; Cuppels, N.P., 5,6; Davis, R.E., 4; Denson, N.M., 1,2,4,5; Erickson, E.C.; Files, F.G.; Finch, W.I., 4; Fischer, R.P.; Gableman, J.W., 1,2; Gorman, L.A.; Gray, J.R., 1; Grimaldi, R.M.; Gruner, J.W., 1; Grutt, E.W., 5; Guillinger, R.R., 1,2,3; Harshman, E.N., 2,5,6,7,10,11; Hart, O.M., 1; Hauptman, C.M., 1,2; Horner, W.P.; Keefer, W.R., 6,7; Kleeper, M.R.; Love, J.D., 3,5,6,9,17,18; Lovering, T.G., 2; Magleby, D.N., 1,2,3,4,5,6; Mallory, N.S., 1,2; Mapel, W.J., 7,8,9,10; Masursky, H., 7,8; McKeel, B.K., 2; McKelvey, V.E., 7; Melbye, C.E.; Mrak, V.A., 1,2; Ormond, A.; Osterwald, F.W., 9,10; Page, L.R., 1,2; Pillmore, C.L., 2; Pipingos, G.N., 6,7; Rich, E.I., 5; Robinson, C.S., 8,10,11; Scott, J.H., 1; Shannon, S.S.; Sharp, W.N., 7,9,12; Sheridan, D.M., 5; Smith, E.W., 1; Snow, C.D.; Soister, P.E., 3,4,6,7; Stephens, J.G., 6,7; Stow, M.H., 2; Swanson, V.E., 1; Tourtelot, H.A.; Troyer, M.L., 4; U.S.A.E.C., 7,8; U.S.G.S., 1; Van Houten, F.B., 2,5; Vine, J.D., 9,13; Walker, G.W.; Whalen, J.F., 2,3; Wilmarth, V.R., 2,4; Wyant, D.G., 3,5; Zeller, H.D., 6,9,12

Glossary

Nuclear terms --- U.S.A.E.C., 1

Uranium, thorium-bearing minerals --- Frondel, J.W., 3

Granite, igneous rock (metamorphic rock) --- Curtis, D., 3; (Harshman, E.N., 9); Hurley, P.M., 2,3; Malan, R.C., 1,2; Merewether, E.A.; Osterwald, F.W., 6

Groundwater (epigenesis) --- Arndt, R.H.; Bowles, C.G., 2,3; Budo, S.; Butler, A.P., (5),7; Dement'yev, V.S.; Denson, N.M., 3; (Finch, W.I., 4); Germanov, A.N.; Germanov, A.I.; (Gruner, J.W., 6); Hagmaier, J.L., 1,2; (Hostetler, P.B.); Kashirtseva, M.F., 1, (2); (Kholodov, V.N.); Lisitsin, A.K., 1; Mapel, W.J., 8; Marks, L.Y.; Murphy, J.F.; (Robinson, C.S., 11); Rosholt, J.N., 4,(5);

Schlundt, H., 1,2; Scott, R.C.; Sims, H.M.;
Welder, G.E.; Whitcomb, H.A.;

Guides, exploration --- Adler, H.H., 3; Bailey, R.V.,
1,2; Bartley, R.C.; Bell, H., 1; Bowles, C.G., 3;
Braddock, W.A., 3; Bromely, C.P., 2; Butler,
A.P., 7; Childers, M.O.; Daivdson, D.F., 1; Davis,
J.F., 1,2; Denson, N.M., 5; Everhart, D.L., 1;
Finch, W.I., 2; Geslin, H.E.; Grutt, E.W., 1,5,6,7;
Guillinger, R.R., 1,2; Hadfield, J.P.; Hagmaier,
J.L., 1,2; Harshman, E.N., 3,12; Hauptman, C.M.,
1; King, J.W., 1,2; Klepper, M.R.; Kurtz, E.B.;
Lowell, J.D.; Melbye, C.E.; Osterwald, F.W., 6;
Page, L.R., 1; Pipiringos, G.N., 7; Renfro, A.R.;
Sharp, W.N., 9,11; Shawe, D.R., 1; Troyer, M.L., 4;
Vickers, R.C., 5

History --- Anderson, D.C.; Bailey, R.V., 2,3; Bain,
G.W., 1; Davis, J.F., 1,2; Finch, W.I., 2; Grutt,
E.W., 6; Harshman, E.N., 9,12; Houston, R.S., 4;
Keefer, W.R., 6; Klepper, M.R.; Love, J.D., 5,16;
Masursky, H., 9; McGee, D.A.; Mrak, V.A., 2; Peck,
R.; Rackley, R.I., 1,2,3; Snow, C.G.; Stephens,
J.G., 7; Swanson, V.E., 1; Webb, M.D.

Isotopes of uranium --- Cannon, R.S.; Cheney, E.S.,
1,2,3; Rosholt, J.N., 1,2,3,6,7,8,9,10,11;
Tilton, G.E.

Limestone, carbonates --- Bell, K.G., 3; Bullwinkel,
E.P.; Gableman, J.W., 1; Gott, G.B., 4,9; Guillinger,
R.R., 3; Kholodov, V.N.; Stephens, J.G., 2,6;
Tilton, G.E.; Vine, J.D., 7,8

Maps (also see Geologic quadrangle)

airborne radiometric reconnaissance, Wyoming.
South Dakota, 1952-55 --- U.S.A.E.C., 10

Edgemont district (South Dakota) --- Braddock, W.A., 1

energy resources of Wyoming --- Glass, G.B.; Lane, D.W.
2

epigenetic uranium (U.S) --- Butler, A.P., 5

geology, Beaver Divide area, west --- Van Houten,
F.B., 1

geology Black Hills, north, west flanks (Wyoming,
Montana, South Dakota) Mapel, W.J., 7; Robinson,
C.S., 3

- geology, Gas Hills district --- Sharp, W.N., 11
- geology, groundwater, Wind River Basin area ---
Whitcomb, H.A.
- geology, Hartville uplift --- Denson, N.M., 1
- geology, igneous, metamorphic rocks of Wyoming ---
Merewether, E.A.
- geology, Long Creek, Beaver Divide area --- Van
Houten, F.B., 2
- geology, Newcastle area --- Mapel, W.J., 10
- geology, Powder River Basin area --- Love, J.D., 1
- geology, Pumpkin Buttes area --- Sharp, W.N., 10
- geology, Shirley Basin area --- Harshman, E.N., 5
- geology, Wyoming --- Love, J.D., 10
- geology, Wyoming, southwest --- Bradley, W.H., 2
- groundwater, Great divide, Washakie Basin ---
Welder, G.E.
- Hulett Creek mining area --- Robinson, C.S., 8
- mines, minerals of Wyoming --- U.S.G.S., 29; W.G.S.,
2
- tectonic, central Cordilleran foreland --- Osterwald
F.W., 9
- tectonic, South Dakota, west --- Osterwald, F.W., 7
- tectonic, Wyoming west of Overthrust Belt ---
Osterwald, F.W., 8
- uranium deposits, ore-bearing formations (central
Cordilleran foreland) --- Finnell, T.L.
- uranium deposits (U.S.) --- Schnabel, R.W., 1
- Mathematical techniques --- see Computer Programs
- Microrganisms --- Lisitsin, A.K., 2; Updegraff, D.M.
- Mineralogy --- Adler, H.H., 3,4,5; Altschulter, Z.S.;
Bailey, R.V., 1,2,4; Bain, G.W., 1; Bartley, R.C.;
Bates, T.F.; Bell, H., 1,3; Bergendahl, M.H., 5;

Bodine, M.W.; Botinelly, T.; Breger, J.A., 2,6,7;
Cheney, E.S., 2; Coleman, R.G., 1,2,3,4; Cuppels,
N.P., 5; Daniels, F.; Davis, J.F., 1,2; Denson,
N.M., 5; Erickson, E.C.; Everhart, D.L.; Files,
F.G.; Finch, W.I., 2,4; Fischer, R.P.; Frondel,
C.; Frondel, J.W., 1,2,3; Gableman, H.W., 2;
Garrels, R.M.; George, d'A; Geslin, H.E.; Gott,
G.B., 9; Granger, H.C., 1; Griffiths, J.C., 1;
Gruner, J.W., 3,4,5,7,8; Grutt, E.W., 1,5;
Guillinger, R.R., 1,3; Gulbrandsen, R.A., 2; Had-
field, J.P.; Harshman, E.N., 9,10,11,12; Hart,
O.M., 2; Hurley, P.M., 3; Kerr, P.F.; King, J.W., 2;
Koppe, E.F., 1,4,5; Kulp, J.L.; Loomis, T.G.W., 1;
Love, J.D., 15; Lovering, T.G., 2; MacPherson,
B.A., 2; McKeel, B.K., 2; McKelvey, C.E., 8;
Melin, R.E., 2,3; Mills, R.K.; Nininger, R.D., 1;
Osterwald, F.W., 11; Page, L.R., 1,2; Rackley,
R.I., 1,2; Renfro, A.R.; Riley, L.B., 1,2; Robin-
son, C.S., 10; Root, F.K., 1; Sharp, W.N., 7,11,
12; Sheridan, D.M., 5; Soister, P.E., 7; Strahl,
E.O.; Thompson, M.E., 1; Troyer, M.L., 4; Vine,
J.D., 13; Walker, G.W.; Waters, A.C.; Webb, M.D.;
Weeks, A.D., 1,2,3; Wilson, W.H., 1; Whalen,
J.F., 3; White, E.W.; Wilmarth, V.R., 4

agate --- Buddhue, J.D.

allanite --- Sargent, K.A.; Wells, R.C.

apatite --- Altschulter, Z.S.; Hurley, P.M., 3

bentonite --- Osmond, J.K.

carbonates --- see Limestone

carnotite --- Gill, J.R., 2; Love, J.D., 11; Page,
L.R., 2

coffinite --- MacPherson, B.A., 1

dakeite --- Larsen, E.S., 2,3; Novacek, R.

epidote --- Hurley, P.M., 3

ferrosilite --- Granger, H.C., 1

fluorite --- Wilmarth, V.R., 1

- iron oxides --- Lovering, T.G., 1
- limonite --- Lovering, T.G., 1,2
- monazite --- Jurley, P.M., 3; McKinney, A.A.; Olson, J.C.; Wilson, W.H., 2
- pegmatite --- Hanley, J.B.; Houston, R.S., 1
- phosphorite --- see Phosphrite
- pitchblende --- King, T.U., 1; Phair, G.
- quartz --- Saucier, A.E.
- schroeckingerite --- Guillotte, G.B.; Jaffe, H.W.; Larsen, E.S., 1,2; Novacek, R.; Page, L.R., 1; Sheridan, D.M., 1,2,3,4,5; Wyant, D.G., 1,2,3,5
- sphene --- Hurley, P.M., 3
- umohoite --- Coleman, R.G., 3
- uraninite --- Breger, J.A., 8; Harshman, E.N., 9; Kerr, P.F.
- uranophane --- Wilmarth, V.R., 3
- zircon --- Hurley, P.M., 3; U.S.A.E.C., 3
- Oxidation --- Cuppels, M.P., 5; Garrels, R.M.; Lovering, T.G., 1,2; Wilmarth, V.R., 2
- Oil, natural gas, Black shale, asphalt, petroleferous rock, (organic matter) --- Bell, K.G., 2; Cheney, T.M.; Colorado School of Mines Research Foundation; Denson, N.M., 1; Duncan, D.C.; Erickson, R.L.; Fix, C.E.; (Germanov, A.I.) Hail, W.J., 1,3; (Haji-Vassiliou, A.) Horr, C.A.; Hyden, H.J.; Kholodov, V.N.; Koppe, E.F., 1,2,3,4,5; Kourt, W.K.; Love, J.D., 16; Mapel, W.J., 3; O'Neil, R.L.; (Schmidt-Collerus, J.J., 1,2); Sheldon, R.P., 4; Sims, H.M.; Strahl, E.O.; Swanson, V.E., 1,2;
- Phosphorite, Phosphoria Formation, phosphate --- Altschulter, Z.S.; Bain, G.W., 1; Cheney, T.M.; Curtis, D., 2; Gulbrandsen, R.A., 1,2; Harris, R.A.; Gray, J.R., 2; Griffiths, J.C., 2; Love, J.D., 15, 17; McKelvey, V.E., 3,6,7; Sheldon, R.P., 1, 2,3,4,5; Swanson, R.W., 1,2,3; Thompson, M.E., 1,2; Weitz, J.L.

Plants as indicators --- Cannon, H.L., 1,2; Kurtz, E.B.

Precambrian rocks, uraniferous --- Graveson, D.H.; Guillinger, R.R.; Harshman, E.N., 9; Hurley, P.M., 3; Malan, R.C., 1,2; Merewether, E.A.; Pederson, K.; Tilton, G.E.

Preliminary reports

Bear Lodge Mountains --- Wilmarth, V.R., 2

Bighorn Basin --- Barrett, D.C.

Browns Park Formation --- Ormond, A.

Crooks Gap --- Whalen, J.F., 3

Gas Hills --- Love, J.D., 6; Zeller, H.D., 6

Green River Basin, Rock Springs uplift --- Winterhalder, E.C.

Hulett Creek --- Robinson, C.S., 8

Lance Creek --- Bromley, C.P., 2

Mayoworth --- Love, J.D., 9

Miller Hill --- Love, J.D., 5

Pumpkin Buttes --- Love, J.D., 3

Wind River Basin --- Grutt, E.W., 1

Production, forecast, development --- Barnes, J.W.; Gordon, E.; Jiacoletti, R.J.; Lindlof, R.G.; McGee, D.A.; Steinberg, M.; Van Alstine, C.L.

Production History, development --- Anderson, D.C.; Barnes, J.W.; Coulson, R.; Erickson, E.C.; Flanagan, P.E.; Harshman, E.N., 6,7,12; Hart, O.M., 2; Hauptman, C.M., 2; Littlefield, E.W.; Mrak, V.A., 2; Robertson, D.S.; U.S.A.E.C., 11; Van Alstine, C.L.; Whalen, J.F., 2

Production methods --- Bailey, R.V., 1,2; Breger, J.A., 3; Coulson, R.; Daniels, F.; Everett, F.D., 3; McKelvey, V.E., 2; McKinney, A.A.; Van Alstine, C.L.

- Prospecting --- Bowie, S.H.U., 2; Chew, R.T., III;
Dement, J.; Denson, N.M., 3,4; Fix, P.F., 2,3;
Grutt, E.W., 7; Nelson, J.M.; Page, L.R., 3;
Rackley, R.I., 3; Saucier, A.E.; U.S.A.E.C., 5;
Wilson, E.E.; Wright, R.J., 1,2;
- Radiation --- Wright, R.J., 2
- Radon --- Stevens, D.N.
- Rare earths --- Buck, K.L.; Everett, F.D., 1; Hanley,
J.B.; Houston, R.S., 1; McKinney, A.A.; Olson,
J.C.; Sargent, K.A.; Wells, R.C.; Wilmarth, V.R.
2; Wilson, W.H., 2
- Reserves, resources --- Armstrong, F.C.; Bailey, R.V.,
3,4; Barnes, J.W.; Bostick, N.H.; Butler, A.P.,
1,2,3,4,5,6; Coulson, R.; Devoto, R.G.; Deitz,
C.S.; Denson, N.M., 2,4; Erickson, E.C.; Harshman,
E.N., 6,7,12; Hauptman, C.M., 2; Littlefield,
E.W.; MacPherson, B.A., 2; Masursky, H., 9; Meehan,
R.J.; Mrak, V.A., 1; Nininger, R.D., 3; Osterwald,
F.W., 3,11; Patterson, J.A.; Pipiringos, G.N., 7;
Renfro, A.R.; Robertson, D.S.; Scott, J.H., 6,7;
Shepard, S.H.; Sheridan, D.M., 5; Soher, H.J.;
U.S.A.E.C., 11; Young, H.B.
- Resource evaluation --- Bolmer, R.L.; Bostick, N.H.
- Review --- Crew, M.E.; Denson, N.M., 4; Files, F.G.;
Flanagan, P.E.; Grutt, E.W., 2,4,6; Harshman, E.N.,
7; Hauptman, C.M., 2; Lindlof, R.G.; Littlefield,
E.W.; Mapel, W.J., 3; McGee, D.A.; McKelvey, V.E.,
2,4; Peck, R.; Soher, H.J.; Thomas, H.D., 1,2;
Vine, J.D., 10;
- Roll front deposits --- Adler, H.H., 3,4,5,6; Cheney,
E.S., 3; Dooley, J.R., ; Granger, H.C., 1,2;
Gruner, J.W., 6; Harshman, E.N., 8,11; King,
J.W., 2; Mills, R.K.; Rosholt, J.N., 7; Rubin,
B.; Shawe, D.R., 1; Warren, C.G., 1,2,3
- Sandstone-type deposits, (Sandstone) --- Adler, H.H., 3;
(Butler, A.P., 7) (Davidson, D.F., 1); Davidson,
D.F., 3; (Enyeart, R.L.); (Evseeva, L.S., 2); (Finch,

W.I., 1,2,3,4); (Fischer, R.P.); (Gill, J.R., 2);
Gott, G.B., 5,6,7,8,10; (Groth, F.A.); Grutt,
E.W., 7; Hostetler, P.B.; (Houston, R.S., 2,5);
Melin, R.E., 1; (Mrak, V.A., 2); (Robinson,
C.S., 11); (Rosholt, J.N., 4,5,6,7,8,9,10);
(Sharp, W.N., 9) (Vickers, R.C., 5); (Waters,
A.C.); (Webb, M.D.)

Startigraphy --- Armstrong, F.C.; Bailey, R.V., 3,4;
Bain, G.W., 1; Bartley, R.C.; Beikman, H.M.; Bell,
H., 1; Bergendahl, M.H., 5; Braddock, W.A., 3,5;
Bradley, W.H., 3; Brobst, D.A., 7; Bromley, C.P., 2;
Brooke, G.L.; Childers, M.O.; Coleman, R.G., 1;
Cuppels, N.P., 5,6; Davis, J.F., 1,2; Davis, R.E.,
4; Denson, N.M., 4,5; Erickson, E.C.; Finch, W.I.,
2,4; Fischer, R.P.; Gorman, L.A.; Gray, J.R., 1,
2; Groth, F.A.; Grutt, E.W., 1,3,5; Guillinger, R.R.,
2,3; Harshman, E.N., 3,6,11,12; Hart, O.M., 2;
Hauptman, C.M., 1,2; Houston, R.S., 4; Keefer, W.R.,
6; King, J.W., 1; Loomis, T.H.W., 1; Love, J.D.,
3,5,6,8,15,17,18; MacPherson, B.A., 2; Magleby,
D.N., 6; Masursky, H., 8,9; McKeel, B.K., 2;
Mrak, V.A., 1,2; Pipiringos, G.N., 6,7,10; Rackley,
R.I., 1,2; Renfro, A.R.; Rich, E.I., 5; Robinson,
C.S., 7,10,12; Sharp, W.N., 7,10,11,12; Sheldon,
R.P., 5; Sheridan, D.M., 5; Smith, E.W., 2; Snow,
C.D.; Soister, P.E., 5,7,8; Stephens, J.G., 6,7;
Swanson, V.E., 1; Troyer, M.L., 4; Van Houten,
F.B., 1,2,5; Waage, K.M.; Webb, M.D.; Whalen, J.F.
1,3; Yater, A.N., Zeller, H.D., 12;

Stream Gravel --- Chew, R.T.

Sulfur isotopes, (compounds) --- Adler, H.H., 7; Austin,
S.R.; Cheney, E.S., 1,2,3; (Granger, H.C., 2)
Jensen, M.L.; (Phair, G.) (Warren, C.G., 1);
Warren, C.G., 2; (Warren, C.G., 3)

Techniques, geological --- Adler, H.H., 3; Bailey, R.V.
1,2; Bunker, C.M.; Butler, A.P., 7; Hawkins, W.K.;
King, J.W., 1; Lowell, J.D.; Melbye, C.E.; Mickey,
M.R.

Techniques geochemical --- Adler, H.H., 1,4,5,7; Anderson,

D.C.; Altschulter, Z.S.; Arndt, R.H.; Bain, G.W., 1,2; Barnes, J.W.; Bowie, S.H.U., 1; Bowles, C.G., 2,3; Breger, J.A., 2,6,7; Bunker, C.M.; Butler, A.P., 7; Daniels, F.; Davis, J.F., 1,2; Densen, M.E.; Denson, N.S., 3; Evseeva, L.S., 2; Fix, P.F., 1,2,3,4; Griffiths, J.C., 1; Grimaldi, R.M.; Horr, C.A.; Hurley, P.M., 1,2,3; Illsley, C.T.; Jensen, M.L.; Kashirtseva, M.F., 1,2,3; Kholodov, V.N.; Koppe, E.F., 5; Kurtz, E.B.; Littlefield, E.W.; Malan, R.C., 1,2; Murphy, J.F.; Renfro, A.R.; Scott, R.C.; Stevens, D.N.; Walton, H.F.; Ward, F.N.; Warren, C.G., 1

Techniques, geophysical --- Adams, J.A.S.; Adler, H.H., 5; Bailey, R.V., 2; Bartley, R.C.; Boyles, T.L.; Brooke, G.L.; Bunker, C.M.; Case, J.E.; Chew, R.T.; Damon, P.E.; Davis, J.F., 1,2; Denson, M.E.; Everhart, D.L., 1; Gott, G.B., 1; Grutt, E.W., 6; Guillinger, R.R., 2,4; Hadfield, J.P.; Harshman, E.N., 12; Hawkins, W.K.; Henderson, J.R., 1; Horner, W.P.; Hurley, P.M., 1,2; Jones, E.E.; Kourt, W.K.; Kulp, J.L.; Loomis, T.H.W., 1; Magleby, D.N., 1,2,3,4,5,6,7; Mallory, N.S., 1; Meehan, R.J.; Moxham, R.M., 5; Nelson, J.M.; Nelson R.A.; Sakakura, A.Y.; Scott, J.H., 1,2,3,4,5,6,7; Stahl, R.L.; Stephens, J.G., 7; Tourtelot, H.A.; Walker, G.W.; Wright, R.J., 1; Yater, A.N., Young, H.B.

Theoretical geochemistry --- Adler, H.H., 2; Arndt, R.H.; Austin, S.R.; Bain, G.W., 2; Breger, J.A., 5,8; Bullwinkel, E.P.; Cannon, R.S.; Cheney, E.S., 2,3; Colorado School of Mines Research Foundation; Cuttitta, F.; Dement'yev, V.S.; Denson, N.M., 3; Dooley, J.R.; Erickson, R.L.; Evseeva, L. S., 1, 2; Flanagan, F.J.; Garrels, R.M.; Germanov, A.N.; Germanov, A.I.; Governor's Uranium Conf.; Granger, H.C., 2; Griffith, J.C., 2; Hagmaier, J.L.; Haji-Vassiliou, A.; Hostetler, P.B.; Hurley, P.M., 1,2,3; Jensen, M.L.; Kashirtseva, M.F., 1,2,3; Kholodov, V.N.; Koope, E.F., 3; Kulp, J.L.; Lisitsin, A.K., 1,2; Lovering, R.G., 1;

Malan, R.C., 1,2; Masursky, H., 7; McKelvey, V.E., 5,8; O'Neil, R.L.; Phair, G.; Rackley, R.I., 3; Robinson, C.S., 11; Rosholt, J.N., 1,2,4,5,6,7, 8,9,10,11; Rubin, B.; Sakakura, A.Y.; Schmidt, Collerus, J.J., 1,2; Scott, J.H., 4; Sheldon, R.P., 4; Smith, K.G., 2; Strahl, E.O.; Swanson, V.E., 1; Thompson, M.E., 2; Tilton, G.E.; Titayeva, N.A.; Updegraff, D.M.; Warren, C.G., 2,3; Waters, A.C.; Wright, R.J., 2

Thorium --- Cannon, R.S.; Cooper, M., 2; Curtis, D., 1; Frondel, C.; Frondel, J.W., 3; George, d'A; Grimaldi, R.M.; Hurley, P.M., 2; Malan, R.C., 1,2; Rosholt, J.N., 11; Soister, P.E., 2; Tilton, G.E.; Twenhotel, W.S., 2; United Nations, 1; U.S.A.E.C., 7; Wilmarth, V.R., 2; Wilson, W.H., 8,9

Test for uranium --- Adler, H.H., 1; Damon, P.E.; Fisk, H.G.; Grimaldi, R.M.; Wyoming University NRRI

Time (Tertiary or Cretaceous) --- Houston, R.S., 4; Rackley, R.I., 1,2

Trace elements --- Curtis, D., 1; Hyden, H.J.; Masursky, H., 7; Wallace, J.H.

Veins, vein -type deposits --- Dean, B.G.; Everhart, D.L., 2; Neuerberg, G.J., 1,2; Walker, G.W.

Volcanics --- Merewether, E.A.; Neuerburg, G.J., 1,2





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