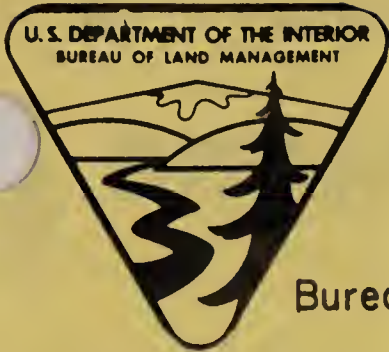


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## TECHNICAL NOTE

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Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

Subject: Coal, Operating Mines

Selected Reference:

1. Keystone Coal Buyers Manual, McGraw-Hill, Inc., 330 West 42nd Street, New York, New York 10036. Cost \$60, 1969 Edition. Typical contents shown in Attachment 1-A. Contains short description of the coal field and seams of each state. Has short description of operating mines, including description of preparation plant equipment, mine equipment, haulage equipment, life expectancy, number of employees, daily capacity and yearly production (see Attachment 1-B).

Please send any additional references on this subject or other minerals subjects to DSC (D-310). If the complete article or publication is needed, DSC (D-310) will attempt to obtain a copy or a loan for you.

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# WASHINGTON

DISTRICT 23

**RAILROADS SERVING**

NP; PC

1965 TOTAL TONNAGE .....54,758  
 1965 UNDERGROUND TONNAGE .....52,100  
 1965 STRIP TONNAGE ..... 2,658

**SIZE OF MINES—1965**

100,000 tons to 200,000 .....0  
 50,000 to 100,000 .....0  
 Less than 50,000 .....5

THIS 1967 WASHINGTON DIRECTORY  
 2 COMPANIES, 3 MINES

**CARBON RIVER COAL CO., INC.**

413 Norton Bldg., Seattle, Wash. 98104  
 Pres.....Norman Barnes  
 Vice Pres.....Don B. Hume  
 Sales Agent, Consolidated Coal Exporters, Inc.  
**Carbon River Mine**  
 Developing new mine in Pierce Co. Primary use is Coking Coal for Japanese Plant.

**PALMER COKING COAL CO., INC.**

Black Diamond, Wash.  
 Pres. & Gen. Mgr...Jack A. Morris  
 Pur. Agt.....Carl G. Falk  
 Mng. Engr.....Cameron Rich  
 Sales Agt., Pacific Coast Coal & Oil Co.  
**Rogers Mine**  
 P. O.....Black Diamond, King Co., Wash.

Shlp.....PC RR.  
 Mine Supt.....A. A. Simmons  
 Slope; Rogers Seam; 9' Th.  
 Employs. 30; Daily Cap. 200 T.  
 Track Gauge.....36"  
 Type Mech. Ldrs.....Joy  
 Prep. Plant.....Water  
 Power Pur.: D.V.....440 A.C.  
 1965 Tonnage, 34,326

**Franklin No. 10 Mine**

P. O.....Black Diamond, King Co., Wash.  
 Shlp.....PC RR.  
 Mine Supt.....A. A. Simmons  
 Fore.....A. Rossi  
 Water Level, 18' Th.  
 Daily Cap. (Cleaned Coal).....30 T  
 Mng. Equip.: Joy Ldrs.  
 Haulage Equip.: Locos; Mine Cars  
 Prop. Owned & Leased; Employs 4;  
 Daily Cap. 30 T.  
 Track Gauge.....36"  
 Prep. Plant.....Water  
 Power Pur.: D.V. 440 A.C.  
 1965 Tonnage, 8,172

# WYOMING

DISTRICT 19

**RAILROADS SERVING**

CB&Q; UP

1965 TOTAL TONNAGE .....3,529,793  
 1965 UNDERGROUND TONNAGE ..... 123,838  
 1965 STRIP TONNAGE .....3,135,955

**SIZE OF MINES—1965**

500,000 tons and over .....1  
 200,000 to 500,000 .....4  
 100,000 to 200,000 .....2  
 50,000 to 100,000 .....1  
 Less than 50,000 .....6

(U.S. Bur. Mines)

THIS 1967 WYOMING DIRECTORY  
 7 COMPANIES, 8 MINES

**BIG HORN COAL CO.**

Box 724, Sheridan, Wyo.  
 Pres.....A. W. Lonabaugh  
 V. Pres.....Homer Scott  
 Vice Pres. & Gen. Mgr.  
 Geo. A. Nugent  
 Gen. Supt.....C. E. Artis  
 Supt. of Prod.....E. W. Temple  
 Sls. Mgr.....J. F. Rulll  
 Office Mgr.....O. E. Blum  
 Chf. Engr.....J. F. Ratchye  
**Big Horn**  
 Loc. Sheridan, Sheridan Co., Wyo.  
 Shlp.....Sheridan, CB&Q  
 Strlp; Monarch Seam; 35" Th.  
 Prep. Equip.: Shaker, Vib. Screens;  
 Oil treatment; Pckg. Tbls.  
 Sizes Shipped: 10" x 4"; 6" x 3"; 3"  
 x 1½"; 1½" x ¼"; 1½" x 1";  
 1½" x 0  
 Trade Name: Big Horn  
 Mng. Equip.: 1 Mng. Mach.; 6 Motor  
 Scrprs.; 1 Ldg. Shvl.; 3 Tracts.;  
 2 Dozers; 2 Ovbd. Drills  
 Haulage Equip.: 4 D. Bot. Trks.  
 Power Pur.

Prop. leased; Life expec. 75 yrs.;  
 Employees 60; 3 shifts; Daily Cap.  
 7500 T.  
 1966 Tonnage, 306,507

**GUNN-QUEALY COAL CO.**

Quealy, Wyoming  
 Pres.....G. E. Sorensen,  
 Frontier, Wyo. 83121  
 V. Pres.....John L. Kemmerer, Jr.  
 120 Broadway, N. Y. 10005  
 Vice Pres.-Oprs. ....Roy Coulson  
 Sales Mgr.....L. M. Pratt, Jr.  
 1312 Continental Bank Bldg.,  
 Salt Lake City, Utah 84101  
 Gen. Supt.....Mike Zakotnik, Jr.  
 Treas.....C. D. Cavanaugh, Jr.  
 Sec.....Lilla M. Schooley  
 Sales Agt., Kemmerer Coal Co., The  
**Rainbow Mine**  
 P. O.....Frontier, Lincoln Co., Wyo.  
 Shlp.....Rock Springs, U.P. RR.  
 Gen. Supt.....Mike Zakotnik, Jr.  
 Mine Elec.....Horace Middleton  
 Foreman.....Lawrence Welsh  
 Prep Mgr.....Frank Tominc  
 Deep; No. 11 Seam; 42"-48" Th.  
 Prep. Equip.: Oil Spray; Mgnts.;  
 Scrns.; Pck. Tbls.; Ldg. Bms.; Super  
 Airflow Tbls.  
 Sizes Washed: 3/16-1½"

Sizes Shpd.: 5" Lmp.; 3 x 5"; 1½"  
 x 1"; 1 x 3/16"; 1½"; 1" & 3/16 x 0  
 Mng. Equip.: 3 Mng. Machs.; 3 Roof  
 Bolt.; 2 Rock Dust. Machs.; 3 Mbl.  
 Ldrs.; 4 Hand Drills; 6 Shuttle  
 Cars  
 Haulage Equip.: 3 Semi-Trall.; 1  
 Tractor; 3 Belt Convyrs., 1-30",  
 2-36"  
 Power Pur.: 600 KVA-250 D.C., 2400  
 A.C.; Tipple 450 KVA 2400 A.C.  
 Prop. Leased; Life Expec. 25 Yrs.;  
 Empls. 43; 2 Shifts; Daily Cap.  
 1000 T.  
 1966 Tonnage, 112,160

**KEMMERER COAL COMPANY, THE**

Frontier, Wyoming 83121  
 Chm. Bd John L. Kemmerer, Jr.  
 120 Broadway, N. Y. 10005  
 Pres. ....Glenn E. Sorensen  
 Vice Pres. (Oprs.) ..Roy C. Coulson  
 Gen. Supt.....Mike Zakotnik, Jr.  
 Sec.....Lilla M. Schooley  
 Treas.....C. D. Cavanaugh, Jr.  
 120 Broadway, N. Y. 10005  
 Vice Pres. (Sales) L. M. Pratt, Jr.,  
 1312 Continental Bank Bldg.,  
 Salt Lake City, Utah 84101  
 Sales Agt., Kemmerer Coal Co., The

**Elkol Mine**

P. O.....Frontier, Lincoln Co., Wyo.  
 83121  
 Shlp.....Kemmerer, U.P. RR.  
 Gen. Supt.....Mike Zakotnik, Jr.  
 Prep. Mgr.....Al Zakotnik  
 Strlp; Adaville Seam; 600-1000"  
 Th.  
 Prep. Equip.: Oil Spray; Mgnts.;  
 Scrns.; Pck. Tbls.; Ldg. Bms.  
 Sizes Shpd.: 1½"; 1½" x 3/16; 1"  
 Mng. Equip.: 2 Ovbdn. Drills; 1  
 Strp. & 1 Ldg. Shvl.; 8 Scrapers  
 Haulage Equip.: 4 Trucks; 8 Semi-  
 Trall.; 10 Tractors; 1 Pump  
 Power Pur.: 150 KVA; D.V. Mine  
 220/440 A.C., Tipple 220 A.C.  
 Prop. Owned; Life Expec. 100 yrs.;  
 Employs 30; 1 Shift; Daily Cap.  
 5500 T.  
 1966 Tonnage, 181,655

**Sorensen Mine**

P.O.....Frontier, Lincoln Co., Wyo.  
 Shlp.....Power Plant-Conveyor Belts  
 Gen. Supt.....Mike Zakotnik, Jr.  
 Prep. Mgr.....Al Zakotnik  
 Strlp; Adaville Seams, 72-720" Th.  
 Prep. Equip.: Crshrs. & Belt Con-  
 vyrs.  
 Hourly Cap.: 1600 Tons  
 Szs. Shpd.: 1½" x 0"  
 Mng. Equip.: 1 Drag., 4 Scrps. &  
 Tracts., 2 Bldzrs., 2 Ovbdn. Drills,  
 2 Ldrs.  
 Haulage Equip.: 4 Trks., 8 Tralls.,  
 2 Tracts., 1 Patrol

Pwr. Purch.; KVA 7500, DV 14,400  
 AC; Prop. Owned; Life Expec. 60  
 Yrs.; Employs 71; 1 Shift; Daily  
 Cap. 12,800 T.  
 1966 Tonnage, 544,483

**MONOLITH PORTLAND MIDWEST CO.**

Hanna, Wyo.  
 (Captive Tonnage)  
**Hanna No. 2 Strip**  
 P. O.....Hanna, Carbon Co., Wyo.  
 Shlp.....Hanna, UP RR.  
 Strip  
 Employees 13....Daily Cap. 400 T.  
 1965 Tonnage, 66,129

**PACIFIC POWER & LIGHT CO.**

Casper, Wyo.  
 (Captive Tonnage)  
**Dave Johnston Strip Mine**  
 Loc. ..Glenrock, Converse Co., Wyo.  
 Strlp  
 1966 Tonnage, 1,562,000

**ROSEBUD COAL SALES CO.**

Hanna, Wyo.  
 Pres.....T. J. Armstrong  
 Vice Pres. & Gen. Mgr.  
 George A. Nugent  
 Gen. Supt.....C. E. Artis  
 Chief Engr.....J. F. Ratchye  
 Office Mgr.....O. E. Blum  
**Rosebud Mine**  
 P. O.....Hanna, Carbon Co., Wyo.  
 Shlp.....Hanna via rail  
 Strlp; 2& 5 seam, 24 ft Th.  
 Supt.....Leo J. O'Brien  
 Plt Fore.....Louls Gasper  
 Tipple Fore.....W. T. Paterson  
 Fore.....Frank Shurter  
 Trade Name: Kie-Koal  
 Sizes Shpd.: 2½" x 0", 1½" x 0"  
 Mng. Equip.: Tractors, Shovels,  
 Dozers, Drags, Drills  
 Haulage Equip.: Tract.-trallers  
 Pwr. Pur.: Property Owned &  
 Leased; Life Expec. 25 Yrs.; Em-  
 ploys 40, 1 Shift. Daily Cap.  
 2500  
 1965 Tonnage, 354,698