JULY 15, 1991

THE DIRECTOR OF THE DIVISION OF STATE LANDS & FORESTRY TOOK FORMAL ACTION ON JULY 15, 1991, AT 9:30 A.M. IN THE DIVISION OF STATE LANDS & FORESTRY OFFICE, 355 WEST NORTH TEMPLE, 3 TRIAD CENTER, SUITE 400, SALT LAKE CITY, UTAH 84180-1204, ON THE BELOW LISTED MINERAL AND SURFACE BUSINESS MATTERS AS INDICATED.

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MINERAL LEASE APPLICATIONS

METALLIFEROUS MINERAL LEASE APPLICATIONS - APPROVED

Upon recommendation of Mr. Mansfield, the Director approved the Metalliferous Minerals lease applications listed below at a rental of $1.00 per acre per annum; royalty as provided in the lease form approved by the Board of State Lands. The applications have been checked by the Mineral Division and found to be in order. The land status has been examined and the lands found to be open and available. The reassessment date for these leases is August 1, 2001.

Mineral Lease Appl. No. 45364 Centurion Mines Corporation 285 W. North Temple, Suite 350 Salt Lake City, UT 84103	T9S, R3W, SLB&M. Sec. 2: Lots 1, 2, 3, 4, S½N½, S½	Utah County 662.96 acres

DUE: $23.00

Mineral Lease Appl. No. 45367 Crown Resources Corporation 1225 Seventeenth St., Suite 1500 Denver, CO 80202 Local: P.O. Box 579 Delta, UT 84624	T18S, R17W, SLB&M. Sec. 36: All	Millard County 640.00 acres
Mineral Lease Appl. No. 45365 Crown Resources Corporation 1225 Seventeenth St., Suite 1500 Denver, CO 80202 Local: P.O. Box 579 Delta, UT 84624	T19S, R17W, SLB&M. Sec. 2: Lots 1, 2, 3, 4, S½N½, S½	Millard County 639.54 acres

METALLIFEROUS MINERALS LEASE APPLICATION--REJECTED

Mineral Lease Appl. No. 45366 Crown Resources Corporation 1225 Seventeenth St., Suite 1500 Denver, CO 80202 Local: P.O. Box 579 Delta, UT 84624	T19S, R18W, SLB&M. Sec. 16: All	Millard County 640.00 acres

REJECTED: Because lease application is in conflict with ML 45154

REFUND: $640.00

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TOTAL ASSIGNMENTS--OIL, GAS, AND HYDROCARBON LEASES

Upon recommendation of Mr. Bonner, the Director approved the assignment of the lease listed below to Andover Partners (50%), P.O. Box 1715, Denver, CO 80201, and Lancaster Corporation (50%), P.O. Box 8439, Denver, CO 80201, by Beverley Benson Lasrich Sheltered Trust, who reserves 1% overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: BEVERLEY BENSON LASRICH SHELTERED TRUST

....ML 42139....

Upon recommendation of Mr. Bonner, the Director approved the assignment of the leases listed below to Chevron U.S.A. Inc., P.O. Box 1635, Houston, TX 77251-1635, by High Plains Energy Company. No override.

LEASE OWNERSHIP: HIGH PLAINS ENERGY COMPANY

....ML 44880....ML 44881....ML 44882....ML 44883....ML 44884....ML 44885....
....ML 44886....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from base of the Green River Formation down to (but not below) top of Mancos Formation in part of leased lands: W½NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) top of Mancos Formation
T9S, R22E, SLB&M.
Sec. 31: W½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22935-A....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from base of the Green River Formation down to (but not below) top of Mancos Formation in part of leased lands: NE¼NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) top of Mancos Formation
T9S, R22E, SLB&M.
Sec. 31: NE¼NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....UO-1530-ST....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from base of the Green River Formation down to (but not below) top of Mancos Formation in part of leased lands: SE¼NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) top of Mancos Formation
T9S, R22E, SLB&M.
Sec. 31: SE¼NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....UO-1530-A-ST....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from base of the Green River Formation down to (but not below) top of Mancos Formation in part of leased lands: SW¼ Sec. 36, T9S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: ATLANTIC RICHFIELD COMPANY
OPERATING RIGHTS: From base of Green River Formation down to (but not below) top of Mancos Formation
T9S, R22E, SLB&M.
Sec. 36: SW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22650....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface of the earth to the base of the Green River Formation in part of leased lands: NE¼NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T9S, R22E, SLB&M.
Sec. 31: NE¼NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....UO-1530-ST....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface of the earth to the base of the Green River Formation in part of leased lands: SE¼NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T9S, R22E, SLB&M.
Sec. 31: SE¼NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....UO-1530-A-ST....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface of the earth to the base of the Green River Formation in part of leased lands: SW¼ Sec. 36, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: ATLANTIC RICHFIELD COMPANY
OPERATING RIGHTS: From surface to base of Green River Formation
T9S, R22E, SLB&M.
Sec. 36: SW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22650....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface of the earth to the base of the Green River Formation in part of leased lands: E½NW¼ Sec. 29, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T9S, R22E, SLB&M.
Sec. 29: E½NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22935....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface of the earth to the base of the Green River Formation in part of leased lands: W½NE¼ Sec. 31, T9S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T9S, R22E, SLB&M.
Sec. 31: W½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22935-A....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: Lots 1, 2, E½NW¼ Sec. 7, T10S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T10S, R22E, SLB&M.
Sec. 7: Lots 1, 2, E½NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 23609....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: N½SE¼, SW¼SE¼ Sec. 16, T9S, R21E, SLB&M. in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T9S, R21E, SLB&M.
Sec. 16: N½SE¼, SW¼SE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 3282....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: SE¼SE¼ Sec. 16, T9S, R21E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T9S, R21E, SLB&M.
Sec. 16: SE¼SE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 3282-A....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: E½NW¼ Sec. 29, T9S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T9S, R22E, SLB&M.
Sec. 29: E½NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22935....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: Lots 1, 2, S½NE¼ Sec. 2, T10S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: ATLANTIC RICHFIELD COMPANY
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T10S, R22E, SLB&M.
Sec. 2: Lots 1, 2, S½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22651....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: Lots 1, 2, S½NE¼ Sec. 1, N½NE¼ Sec. 12, T10S, R21E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T10S, R21E, SLB&M.
Sec. 1: Lots 1, 2, S½NE¼
Sec. 12: N½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 23612....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the base of the Green River Formation down to (but not below) the top of the Mancos Formation in part of leased lands: NW¼ Sec. 20, T10S, R22E, SLB&M., in and to the lease listed below to CIG Exploration, Inc., 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From base of Green River Formation down to (but not below) the top of the Mancos Formation
T10S, R22E, SLB&M.
Sec. 20: NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22974....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface to the base of the Green River Formation in part of leased lands: S½NE¼ Sec. 2, T10S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: ATLANTIC RICHFIELD COMPANY
OPERATING RIGHTS: From surface to base of Green River Formation
T10S, R22E, SLB&M.
Sec. 2: Lots 1, 2, S½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22651....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface to the base of the Green River Formation in part of leased lands: NW¼ Sec. 20, T10S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T10S, R22E, SLB&M.
Sec. 20: NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 22974....

OPERATING RIGHTS--OIL, GAS, AND HYDROCARBON LEASES (CONT'D)

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface to the base of the Green River Formation in part of leased lands: Lots 1, 2, E½NW¼ Sec. 7, T10S, R22E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T10S, R22E, SLB&M.
Sec. 7: Lots 1, 2, E½NW¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 23609....

Upon recommendation of Mr. Bonner, the Director approved the assignment of 100% interest in operating rights from the surface to the base of the Green River Formation in part of leased lands: Lots 1, 2, S½NE¼ Sec. 1, N½NE¼ Sec. 12, T10S, R21E, SLB&M., in and to the lease listed below to Coastal Oil & Gas Corporation, 600 17th Street, Suite 800S, P.O. Box 749, Denver, CO 80201-0749, by Coastal 1981 Development Joint Venture. No override.

LEASE OWNERSHIP: GILMAN A. HILL
OPERATING RIGHTS: From surface to base of Green River Formation
T10S, R21E, SLB&M.
Sec. 1: Lots 1, 2, S½NE¼
Sec. 12: N½NE¼
COASTAL 1981 DEVELOPMENT JOINT VENTURE--100%

....ML 23612....

NAME CHANGE -- O'BRIEN RESOURCES CORPORATION TO THERMAL EXPLORATION COMPANY--ML 25128, ML 27536, AND ML 27889--GEOTHERMAL STEAM

This office has received evidence that effective June 21, 1991, O'Brien Resources Corporation changed its name to Thermal Exploration Company.

Upon recommendation of Mr. Bonner, the Director noted the above-stated name change from O'Brien Resources Corporation to Thermal Exploration Company. Said name change was also noted in the above-stated lease files.

CORRECTION OF DIRECTOR'S MINUTES OF OCTOBER 19, 1981--ML 22935-- OIL, GAS, AND HYDROCARBON.

The Director, on October 19, 1981, approved the assignment of operating rights from the base of the Green River Formation to the top of the Mancos Formation in E½NW¼ Sec. 29, T9S, R22E, SLB&M., to Coastal 1981 Development Joint Venture by CIG Exploration, Inc., covering ML 22935. It has now been discovered that the assignment actually reads from surface to base of Green River Formation, not from base of Green River to top of Mancos.

Upon recommendation of Mr. Bonner, the Director noted the correction of the above-numbered lease assignment to read from surface to base of Green River Formation.

REQUEST FOR APPROVAL OF THE ANTELOPE HOLLOW UNIT

Q2 Exploration Inc., operator of the Antelope Hollow Unit, has submitted this unit for approval by the State of Utah. The Antelope Hollow Unit is located approximately 4 miles west of Manila, Daggett County and straddles the Utah-Wyoming State line. This unit contains 12,108.08 acres of which 3,035.97 acres or 25.07 percent are Federal lands, 3,372.96 acres or 27.86 percent are State lands, and 5,699.15 acres or 47.07 percent are Patented lands. The unit agreement provides that the operator will, within six months after the effective date of the unit, commence the drilling of a well of a depth sufficient to test the upper 1,500 feet of the Eocene Wasatch Formation, but not to exceed 4,700 feet. This unit is on the standard unit agreement form and contains all of the necessary State land provisions.

The following are the State of Utah leases in this unit:

ML 40051	Mesa Operating Limited Partnership
ML 40052	Wolverine Exploration Company
ML 40053	Union Pacific Resources Company
ML 40054	Union Pacific Resources Company

It is not known at this time whether or not these leases will be committed to the unit.

Upon recommendation of Mr. Bonner, the Director approved the Antelope Hollow Unit.

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SURFACE BUSINESS MATTERS

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CLOSING EXPOSED BED OF BEAR LAKE TO OVERNIGHT CAMPING

Recreation management problems at Bear Lake exceed the response capability of the Division of State Lands and Forestry, the Division of Parks and Recreation, and local law enforcement agencies. Interagency meetings have been held to develop a strategy to address the problems.

In order to protect the public health by reducing the incidence of improperly disposed of trash and human waste, one interagency recommendation is that the exposed lakebed be closed to overnight camping. Facilities to accommodate overnight use are extremely limited. The Department of Natural Resources concurs in this recommendation.

R632-70-21 allows the Division to restrict camping on lands lying between the low water mark and the ordinary high water mark.

It is proposed that administrative action be taken to close the exposed lakebed of Bear Lake to overnight camping between the hours of 10:00 p.m. and 6:00 a.m. Property administered by the Division of Parks and Recreation shall not be affected by this action.

Upon recommendation of Mr. Kappe, the Director approved closing the exposed bed of Bear Lake to overnight camping.

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INTEREST RATE	CURRENT YEAR	YEAR AGO
Base Rate	8.50	10.00

RICHARD J. MITCHELL, DIRECTOR
DIVISION OF STATE LANDS & FORESTRY

CANDEE H. PENMAN, SECRETARY