

0012



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 20, 1998

TO: File

THRU: Daron Haddock, Permit Supervisor *DOH*

FROM: Jess Kelley, Reclamation Specialist *DOH for*

RE: Cottonwood Fan Portal Reclamation Cost Estimate, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019-SR97C, File #2, Emery County, Utah

## SUMMARY:

When the permittee decided, in 1997, to revise the reclamation plan for the Cottonwood Fan Portal area, it became necessary also to update the reclamation cost estimate for that area and, hence, for the entire Cottonwood/Wilberg mine site. The permittee submitted the revised reclamation cost estimate in April of 1998. This memorandum constitutes this writer's review and approval of that submittal.

## TECHNICAL ANALYSIS:

The permittee estimated the cost of reclaiming the Cottonwood Fan Portal area to be \$104,045, in 1998 dollars. This cost was added to the overall reclamation cost and the overall reclamation cost was revised and escalated through the year 1999, as shown in the following table.

YEAR	ESCALATION FACTOR*	ESCALATED TOTAL
1989	----	\$1,061,589
1990	0.77%	\$1,069,763
1991	1.27%	\$1,083,349
1992	2.21%	\$1,107,291
1993	2.54%	\$1,135,416
1994	3.21%	\$1,171,863
1995	1.93%	\$1,194,480

1996	2.42%	\$1,223,387
1997	2.36%	\$1,252,259
1998	2.24%	\$1,280,309 + \$104,044 (Cottonwood Fan Portal, 1998 dollars) + \$138,435 (10% Contingency) + \$10,000 (Mobilization) \$1,532,789 (Subtotal) + \$52,115 (3.4% Reclamation Management) \$1,584,903 (Total, 1998 dollars)
1999	2.24%	\$1,620,405

**TOTAL (1999 DOLLARS)** \$1,620,405

\*Escalation factors taken from Means©.

Thus, the adjusted total reclamation cost estimate, in 1999 dollars, is \$1,620,405. The present reclamation bond is in the amount of \$2,071,405.

**RECOMMENDATION:**

Since the bond currently held is greater than the adjusted total reclamation cost estimate, no adjustment in the bond is needed. The submittal should be approved.

File  
NOTICE in  
ACT/015/09  
#3

**166 Pets**  
DOMERIAN PUPS: AKC registered. For more info., 472-9019. (4284p)  
PUREBRED BORDER Collie pups, born 3/27/98. Black/white. Out of working parents. Had first shots. 435-564-3287. (4234p)  
**172 Furniture**  
JUNK BEDS, vary nice, used very little, mattresses included. Crib, complete with mattress.

**177 Miscellaneous for Sale**  
DOES YOUR mattress need help! Thermoshield softens surface, downlike comfort, warmth, sleep better, reduces pain. No heater needed on waterbed. Satisfaction guaranteed. 1-800-635-9937. http://www.thermo-shield.com (ucan). (4282f)  
FOR SALE: Tan rocker/recliner, great condition \$100; stair climber, like new \$40; stationery \$20; chair/mattress \$30.

**179 Musical Instruments**  
TAKAMINE ACOUSTIC/electric guitar, Model EF291, black ebony stain, cutaway. Excellent condition. Comes with custom case. \$650. 472-3057. (4214p)  
**180 Pianos and Organs**  
CASH FOR used pianos. 637-0134 or 1-800-231-0868. (113ff)  
USED KITCHEN APPL. 40

**192 Autos, New and Used**  
1991 FORD PROBE, 4-cylinder 5-speed, air, extra clean. \$3,995. H.A.S., 636-0555. (416ff)  
1991 PONTIAC GRAND Prix GT, 2-door, loaded, low miles. Excellent! \$8,500. H.A.S., 636-0555. (428ff)  
1992 PONTIAC SUNBIRD, 2-door, 4-cylinder 5-speed, air, extra clean. \$5,474. H.A.S., 636-0555. (416ff)  
1994 PONTIAC SUNBIRD, 4-door, auto., air, extra clean. \$6,975. H.A.S., 636-0555. (416ff)  
1994 SATURN 4-DOOR, auto., air, low miles, extra clean. \$7,875. H.A.S. 636-0555. (416ff)  
1995 CHEV BERETTA, V-6 auto., air - \$7,375. Helper Auto, 472-5533. (42ff)  
1996 CHEV CORSICA, 4-door, auto., air. Extra clean! \$5,475. Helper Auto, 472-5533. (122ff)  
1997 CHEV CAVALIER LS, fully loaded, extra clean, factory warranty. \$10,975. H.A.S. 636-0555. (416ff)  
1997 DODGE INTREPID, 4-door, V-6 auto., air. Extra clean! \$9,800. H.A.S., 636-0555. (312ff)

CUTE BLONDE must sell toy. 1989 Corvette, all white with black leather interior, loaded, removable hardtop, 61,000 miles. Mint condition! Asking \$13,500/OBO. Phone 435-896-4710. (4234b)  
FOR SALE by owner. 1993 Buick Century, fully loaded, asking \$4,800/OBO. Call (435)637-2443. (4282b)  
'94 CHEVY CORSICA, loaded, low miles - \$5,650; '90 Jeep Cherokee - \$5,900. 637-0518. (4234p)  
'95 MERCURY COUGAR XR7, excellent condition. Fully loaded. 6 disc CD player. \$9,995 OBO. 384-2856. (4188p)  
1973 CORVETTE, 454, 4-speed, air, matching numbers. 50k miles. Excellent! \$11,500. 637-7842. (4234p)  
1991 BUICK REGAL, blue, 4-door, power windows/locks/steering/brakes, AM/FM cass. - \$4,395/OBO. 637-9586.

1991 CHEV CAVALIER, 4-door, V-6, auto., cassette, 125,000 miles. Great first car! \$4,995. 435-653-2500. (4284p)  
1994 BUICK PARK Avenue Sedan 4D, Stock #T790C, V-6 3.8 liter auto., air, power steering/windows/locks, tilt/cruise, AM/FM cassette, dual air bags, ABS (4-wheel), alloy wheels. Blue book suggested retail \$15,345, on sale now \$11,995. Mountain View Motors 637-0110, Davis Crofts Motors 637-2598 or 1-800-999-3659. (4282f)  
1994 CAMARO Z28, 33,000 miles, CD, loaded. Excellent condition. \$13,500. 472-8408. (4284p)

**192 Autos, New and Used**  
1996 BUICK PARK Avenue Sedan 4D, Stock #8812A, V-6 3.8 liter, auto., front wheel drive, 37,123 miles, air, power steering/windows/locks/seats, tilt/cruise, AM/FM cassette/compact disc, premium sound, dual air bags, ABS (4-wheel), leather, premium wheels. Blue book suggested retail \$22,905, on sale now \$19,995. Mountain View Motors 637-0110, Davis Crofts Motors 637-2598, or 1-800-999-3659. (4282f)  
1996 CHEVROLET IMPALA SS Sedan 4D, Stock #6C101, V-8 5.7 liter, auto., rear wheel drive, 12,500 miles, air, power steering/windows/locks/seats, tilt/cruise, AM/FM cassette/compact disc, premium sound, dual air bags, ABS (4-wheel), leather, alloy wheels. Blue book suggested retail \$27,385, on sale now \$23,995. Mountain View Motors 637-0110, Davis Crofts Motors 637-2598, or 1-800-999-3659. (4282f)  
1996 PONTIAC GRAND Prix SE Sedan 4D, Stock #6P860, met. green, V-6 3.1 liter auto., 20,156 miles, air, power steering/windows/locks, tilt/cruise, AM/FM cassette, dual air bags, ABS (4-wheel), alloy wheels. Blue book suggested retail \$15,890, on sale now \$12,995. Mountain View Motors 637-0110, Davis Crofts Motors 637-2598, 1-800-999-3659. (4282f)

**193 Autos Wanted**  
\$CASH\$FREE removal of junk vehicles from your property. Ray's Paint and Body Shop. 637-0922. (127ff)  
CASH FOR junk cars. Free towing. 637-8609. (1118ff)  
**194 Boats**  
1989 BAYLINER 2150 OPEN bow. Great condition! \$8,900. 637-9159. (4234b)  
1995 BAYLINER "JAZZ" 14 ft. boat with trailer. Very low hours. Call 637-1439 after 6 p.m. (310ff)  
'77 HURRICANE BASS boat, with 60 hp. Mariner motor and accessories. Good condition. \$2,300/OBO. 888-2367. (4304p)  
'93 AND '91 YAMAHA Waverunner VXRs. Very low hours. \$2,000 and \$2,500. 637-

94 SEARAY EC 250, 454 Merc Bravo III drive, low hours. Boat is loaded, in excellent condition. 637-3309. (498p)  
14 FT. ALUMINUM Jon boat, 25 hp. Merc O/B - \$2,400/OBO. 637-8323 after 5:30 p.m. (4164p)  
1978 CENTURY 19-1/2 FT. 350 V-8. Good condition. 637-4364 after 5 p.m. (4164p)  
BEST BOAT around. 18-1/2 foot Ranger open bow. 305 Chev engine, MerCruiser outdrive, excellent trailer, runs great, stored indoors. 384-2224 evenings. (4288p)

**195 Motor Homes**  
1984 CHAMPION 26-1/2 FT. motor home, excellent condition, 38,000 original miles, asking \$16,800 firm. 637-3203. (423ff)  
'97 FLEETWOOD TIOGA, 31 ft., V-10 Ford engine, 6,800 miles, loaded. Must sell due to illness! \$58,000 More info., 435-259-2215. (4164p)  
1978 JAMBOREE 22 FT. motor home, 440 Dodge, 54,000 miles, sleeps 4, best offer/trade for fifth wheel. 637-8460.  
1981 ELDORADO MOTOR home, 34 ft., rebuilt engine. Call 637-9183. (4282p)  
1981 ELDORADO MOTOR home, rebuilt engine, good condition. Best offer. See at 325 E. 800 North, Price. (4164p)  
28' CLASS A WINNEBAGO motor home, 440 eng., generator, air, microwave and all other options. Very good shape. Very clean. \$8,000. 472-3355. (4214p)

**196 Campers and Trailers**  
18 FT. ENCLOSED trailer. V nose, with ramp, walk-in door, Arma-tuff on floor and walls, white with polished aluminum. '97 model. Never been used. \$6,000. 637-5279. (33ff)  
1995 SNOWBIRD SE (by NUWA) fifth wheel, 31', RK, 12 ft. slide out, loaded! Excellent condition. Very little use. \$31,000/OBO. 435-637-7017. (331ff)  
'76 ROADRUNNER, 19-1/2', self-contained, sleeps 6, tandem axles. \$2,000/OBO. 472-3348. (4214p)  
'78 ALJO 24 FT. self-contained, good condition. \$3,500. 472-5904. (4168p)  
'95 COACHMEN 28' FIFTH wheel, slide out \$15,500; '86 Kit Classic 35' "live in" fifth wheel. \$7,800. 637-7441. (478p)

**196 Campers and Trailers**  
FOR SALE: 1978 27' fifth wheel Roadrunner, older. Excellent condition. Call 637-9404. (4146p)  
READY TO go camping! 1978 Prowler 24' self-contained, 2-door, sleeps 6, back bedroom. \$3,500/negotiable. 636-0412, Lezlie or Dave. (4164p)

**197 4-Wheelers**  
'85 CHEV EXT. Cab S10 4X4 ZR-2, 4.3 auto., air. Excellent! \$15,900. H.A.S., 636-0555. (428ff)  
'95 FORD ONE ton Crew Cab Power Stroke 4X4 XLT, 5-speed. Great worker! \$19,900. Helper Auto, 472-5533. (428ff)  
1993 FORD EXT. Cab, 3/4 ton 4X4, 460 5-speed. Extra sharp! \$15,900. Helper Auto, 472-5533. (416ff)  
1993 FORD F250 EXT. Cab 4X4, 351 auto., air, excellent condition. \$18,500. H.A.S., 636-0555. (416ff)  
1994 CHEV S10 BLAZER, 2-door, 4.3 auto., air - \$8,375. Helper Auto, 472-5533. (42ff)  
1996 CHEV SUBURBAN 4X4, 350 Vortex, fully loaded. Excellent! \$20,975. Helper Auto, 472-5533. (416ff)  
1996 FORD EXPLORER Limited 4X4, V-8 auto., air, loaded. Excellent! \$23,975. Helper Auto, 472-5533. (49ff)

'93 FORD F150 SUPERCAB Flareside, 4X4, straight 6, standard trans., low miles, loaded, excellent condition. \$13,500. 637-2904. (4284p)  
'95 GMC 3/4 TON 4X4 Ext. Cab. Loaded. For more information, 637-5427. (4284p)  
'97 FORD F250 X-CAB, heavy duty XLT 4X4, power stroke diesel. 613-0290. (3198p)  
1976 4WD CHEVY Blazer. 637-4754. (4232p)  
1986 FULL SIZE Blazer, 350 auto., air, cruise, 2" lift, custom wheels and tires, \$2,500 stereo system, new transmission, 20k on motor. Extra clean, great condition. 637-0175 after 5 p.m. (4282p)  
1988 S10 BLAZER, REBUILT transmission, transfer case. Good engine, perfect body. \$3,400. Also 1983 Subaru 435-8799. 637-9189 (4164p)

1991 GMC JIMMY SLE, 4WD, 4-door, power windows/locks, AM/FM cass., running boards, burgundy, 64k miles. One owner, excellent condition. \$10,500. 435-637-7488. (4234p)  
1993 GMC JIMMY SPORT Utility 4D, Stock #6P22B, gray, V-6 4.3L High Output auto., 4WD, off road suspension, SLE, air, power steering/locks/windows, tilt/cruise, AM/FM cassette, privacy glass, towing pkg., alloy wheels. Blue book suggested retail \$15,700, on sale now \$11,995. Mountain View Motors 637-0110, Davis Crofts Motors 637-2598, or 1-800-999-3659. (4282f)  
1994 GMC SUBURBAN 4X4 SLE 1/2 ton, fully loaded, 9 passenger, 60,000 miles, custom wheels, step bars, warranty, green/brown trim. Excellent condition! \$21,500. 637-6788. (4232p)

**198 Motorcycles**  
1993 YAMAHA PW80 for sale. 637-1439 after 6 p.m. (421ff)  
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