Spill Prevention Control & Countermeasure Plan SPCC

Co-Op Mining Company
Bear Canyon Mine

August, 1986
April, 1991 (update)
March, 1992 (update)

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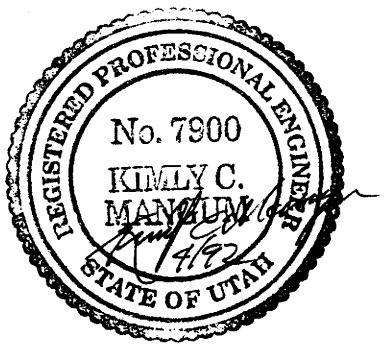

CERTIFICATION INFORMATION

A. Name of Facility - Bear Canyon Mine

B. Type of Facility - Underground Coal Mining and Processing

C. Date of Initial Operation - August 1986

D. Location of Facility - Bear Canyon, Emery County, Utah

E. Name and Address of Operator - Co-Op Mining Company
P.O.Box 1245
Huntington, Utah 84528

Owner - COP Coal Development Co.
3140 S. Main Street
Salt Lake City, Utah 84115

F. Designated Person Responsible for Oil Spill Prevention -

Surface Foreman Kevin Peterson

G. Oil Spill History - (none)

H. Management Approval - Full approval is extended by Management at a level with authority to commit the necessary resources.

SIGNATURE:

NAME: Earl W. Stoddard

TITLE: President, Co-Op Mining Company

I. Certification - I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112 attest that this SPCC Plan has been prepared in accordance with good engineering practices.

NAME: Kimly C. Mangum

SIGNATURE:

REGISTRATION NO.: 7900

STATE: Utah

DATE:

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1. AUTHORITY AND PURPOSE

This Spill Prevention and Control and Countermeasure (SPCC) Plan has been prepared for use at the Co-Op Mining Company, Bear Canyon Mine. In accordance with EPA regulations 40 CFR Part 112, Oil Pollution Prevention and Utah Water Pollution Control Act, Chapter 11 or Title 26, this plan describes the methods to be employed in the prevention of an oil spill and containment devices in-place as well as countermeasure to be implemented in the event of an oil or hazardous material spill. This plan is applicable to all existing facilities as well as any future facilities construction at Co-Op Mining Company, Bear Canyon Mine facility.

2. DESCRIPTION OF FACILITY

The Bear Canyon mining facility is located in the Wasatch Plateau of Emery County, Utah. It is situated approx. 35 mi southwest of Price, and 11 mi west of Huntington, Utah on State Highway 31.

The minable coal seams contain high quality bituminous coal. The coal is mined by the room and pillar method with continuous miners and is transported by shuttle cars, conveyors and haul trucks to the on-site coal processing and load out facility. coal processed from these operations is transported by trucks and by unit trains from a number of coal processing and load out facilities.

The drainage immediately adjacent to Bear Canyon Mine is named Bear Creek. This intermittent creek flows downstream to merge with the Huntington River. Land use along Bear Creek is primarily browse habitat for wildlife; however, cattle occasionally utilize the available resources. Drainage immediately affected by the mining operations is directed into sedimentation ponds located near the canyon bottom. A series of culverts and ditches direct this flow of runoff. In the event of an abnormally large runoff from higher areas of the canyon, the sedimentation ponds may discharge the excess flow into Bear Creek. There has been no discharge events to date for either of the sedimentation ponds.

3. OPERATOR AND OWNERSHIP

(a) Operation - The operator of the facility is:

CO-OP MINING CO.
53 West Angelo Ave.
Salt Lake City, Utah 84115
Tele. (801) 486-5047

NOTE: C. W. Mining Co. is doing business as (DBA) Co-Op Mining Company (Co-Op).

(b) Land and Coal Owner - The lessee of the federal leases and owner of the Fee surface and coal properties is:

COP Coal Development Co.
3140 So. Main Street
Salt Lake City, Utah 84115
Tele. (801) 466-3476

4. PAST SPILL EXPERIENCE

(NONE)

5. EMERGENCY REPORTING PROCEDURE

In the event of a spill, the Mine Superintendent of other mine personnel shall contact one or more of the following people:

Position	Office #	Home #
Charles Reynolds Environmental Coordinator	(801)381-2450	(801)264-1197
Wendell Owen Resident Agent	(801)381-2450	(801)381-5238

It will be the responsibility of the above personnel to report the spill event to the State of Utah, EPA and other agencies

which may be involved in the impact of such events (i.e. Forest Service, BLM, private landowners, etc.)

In the absence of the above personnel, the following persons (in the order listed) shall be responsible for assuming the duties of reporting the spill and supervision of containment and clean-up:

Position	Office #	Home #
Bill Stoddard President	(801)381-2450	(801)381-2777
Kevin Peterson Surface Foreman	(801)381-2450	(801)381-5434

Reports on any spill event shall be made to the EPA and the State at the following telephone numbers:

U.S. Environmental Protection Agency (EPA) - Region VII

Denver, Colorado
(303) 293-1788 (24 Hr Contact)

Utah Division of Oil, Gas and Mining (DOGM)

Salt Lake City, Utah
(801) 538-5340

State of Utah, Department of Health, Bureau of Water Pollution

Salt Lake City, Utah
(801) 538-6333 (24 Hr Contact)

6. OPERATING EQUIPMENT AND STORAGE FACILITIES

Co-Op Mining Company operates the Bear Canyon mine. The operation supports a variety of equipment requiring oil, gas and diesel fuel supplies. The following lists a description of fuel/oil storage tanks located on the property. Tanks can be located on Figure 1, Site Plan.

(a) Description of Storage Tanks

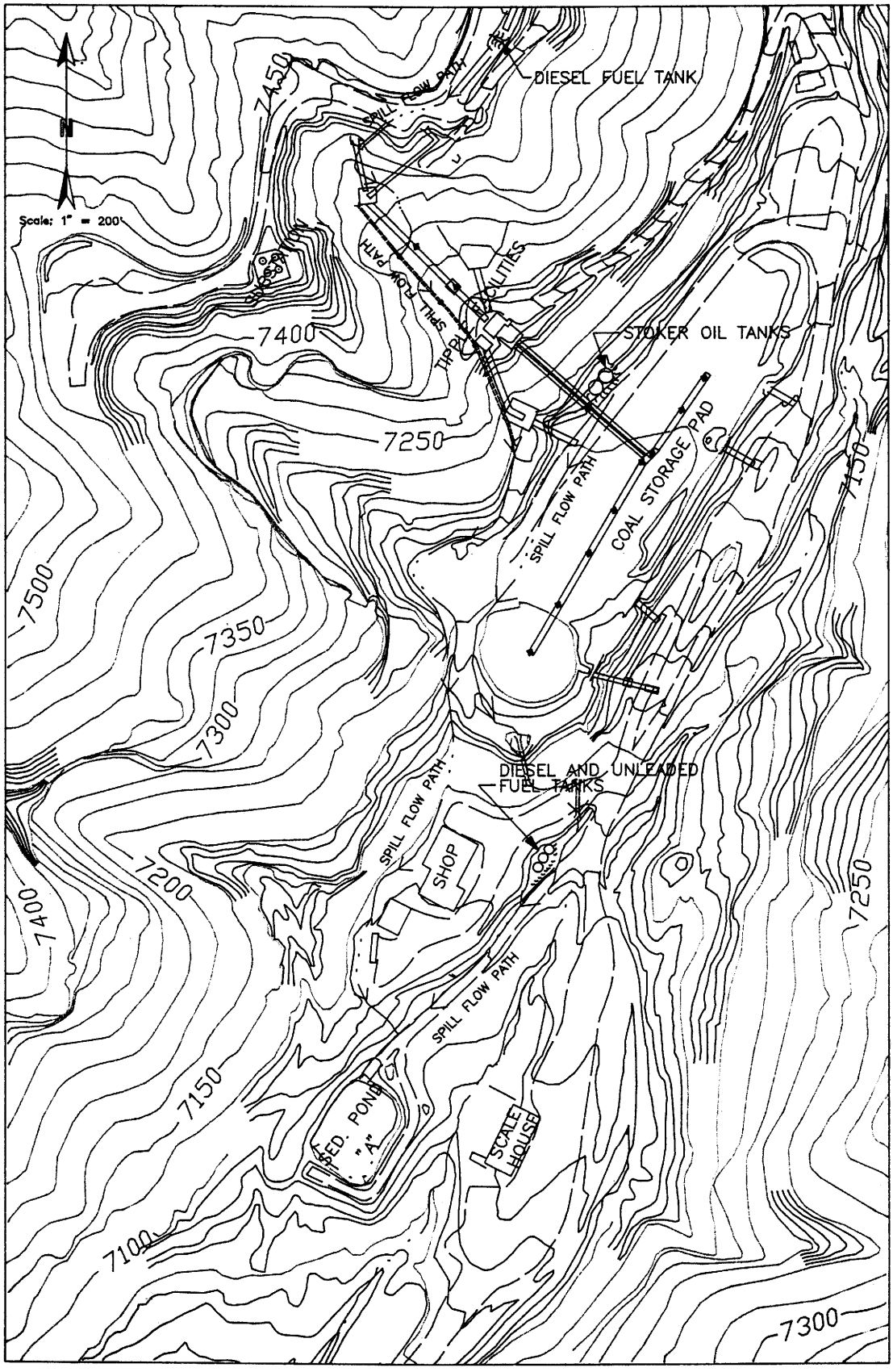
#	Size	Type
1	16,000 Gallon Tank	Diesel
1	10,000 Gallon Tank	Diesel
1	1,050 Gallon Tank	Diesel
1	10,000 Gallon Tank	Unleaded Gas
2	9,000 Gallon Tank	Stoker Oil

(b) Containment Sources and Existing Preventative Measures

Due to the various storage structures at the Co-Op property, different procedures are employed to prevent fuel/oil spillage. Despite the various tank sizes and storage locations, earthen berms and adjacent inner and/or outer catchments are utilized to prevent escape from the properties.

The surface area is drained by an interconnecting series of ditches, which feed into a sedimentation pond at the lower end

Figure 1, Site Plan



of the disturbed area. If a major spill were to occur in the mine area, the spill will drain into the sedimentation ponds. Once contained, the spill will be dealt with in a manner described in the Cleanup Procedures section.

(c) Diesel Fuel Storage/Fueling Station

The main diesel/gasoline fuel storage is situated adjacent to the main drainage to Sediment Pond "A", next to the shop, which leads directly to the sedimentation pond. This station contains two diesel tanks (16,000 gal and 10,000 gal capacity) and a 10,000 gal capacity unleaded gas tank, all above ground. The storage station area is bermed with a containment capacity designed to hold a minimum of 5,000 gal. This capacity is restricted due to the limited area available. In the event of a minor spillage, fuel will be held within the retention berm. In a larger spillage, the spill is directed towards Sedimentation Pond "A". Both the sedimentation pond and the retention berm will be periodically checked for sediment and/or water accumulations; sediment will be dredged from the pond when capacity reaches 60 pct of capacity, as required by State Regulatory Code (DOGM).

These three fuel storage tanks are fitted with 2 inch diameter hoses and manual fueling nozzles. Locks are maintained on the valves to prevent unauthorized use of nozzles. The fueling apparatus is periodically checked for leakage.

(d) Stoker Oil Tanks for Oiled Slack

The two 9,000 gal stoker oil tanks are located adjacent to the tipple conveyor near the coal storage area. The above-ground tanks are enclosed by a retention berm on the south east and the mountain side on the north west. This retention berm is designed to hold a minimum of 5,000 gal. The capacity is restricted due to area available next to the road. If this primary retention berm were to fail during a spill event the spill will be directed to the sedimentation pond. As stated in "(c)" above both the sedimentation pond and the retention berm will be periodically checked for sediment and/or water accumulations.

Both tanks are equipped with a manual fueling nozzle and are periodically checked for leakage.

(e) Small Diesel Tank On Top

The 1,050 gal diesel tank on top is located next to the lamphouse. This above-ground tank is supported on legs inside a retention berm with a minimum capacity of 1100 gal. In the event of a spill, the spill will be contained within the berm. If the berm were to fail, the spill will be directed through various drainage ditches towards the sedimentation pond (See Figure 1). As stated in "(c)" above both the sedimentation pond and the retention berm will be periodically checked for sediment and/or water accumulations.

The tank is equipped with a manual fueling nozzle and is periodically checked for leakage.

(f) Electrical Transformers Containing Polychlorinate Biphenyls

There are presently no electrical transformers containing PCBs on Co-Op operated properties.

7. INSPECTION PROCEDURES

All storage tanks, foundations and/or supporting structures, pipes, joints, and couplings, fuel hoses and nozzles associated with oil or hazardous material storage and dispensing will be periodically and systematically checked for damage, leakage or design malfunction. All containment structures will be checked for structural strength and building of sediment, oil, hazardous wastes or water.

8. SPILL CONTAINMENT PROCEDURES

Should a spill occur originating from an oil, diesel or hazardous material source, one or more of the following containment procedures shall be used:

- Solving the cause of the spill
- Erecting an emergency containment berm
- Use of absorptive materials to soak up spill medium (i.e. straw bales, rock dust, sand, etc.)
- Excavating drainage ditch to sediment pond or containment basin.

If the spill advances beyond the point(s) of containment, the objective is to minimize risk to personal health and to control environment damage.

Should a spill reach a river, stream or other aquatic environment, it shall be immediately contained to as small an area as possible in the form of dikes, portable boom or berms and removed with any means available (i.e. portable pump, hand bailing).

It is imperative that hazardous waste or oil is not emptied or drained into Bear Creek. Should this occur, however, the same containment procedures as described above shall be performed (i.e. hay bales, berms and dikes). This stream leads to a major waterway and simultaneously towards local municipal water supplies.

9. CLEANUP PROCEDURES

When a spill occurs and it is rather localized, the containment material including surrounding soil or road material shall be picked up with a scraper, front-end loader or paddle-wheel and disposed of at a suitable site (approved by the regulatory authority). These localized spills may originate from mobile equipment, fuel unloading facilities or fueling areas.

When a major spill has been contained, a contracted pumping service shall be called in to pump the waster product into a tank truck for disposal in an off-site facility or recycling center. All contaminated dike-berm material, hay bales and surrounding soil will be removed with a scraper or front-end loader for disposal at a suitable site.

After the contaminated material has been collected, a disposal site will be selected by the Environmental Coordinator and Engineering Manager after consultation with the State of Utah and the EPA. This disposal site shall not be located near a drainage source and shall be overlain and underlain with a high clay content, non-porous material.