0025

Document Information Form

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PACIFICORP

1996 RESISTIVITY SURVEYS

OPERATING PLAN

PacifiCorp plans to conduct resistivity surveys on East Mountain. A total of six (6) lines ranging from 2,000 to 3,600 feet in length (see Table 1) will be located as shown on the attached maps.

The purpose of the resistivity surveys is to conduct geologic reconnaissance and identify the trend of the Left Fork Graben.

PERMITTEE:

PacifiCorp/Energy West Mining Co.
Attention Chuck Semborski
P.O. Box 310
Huntington, UT 84528

RECEIVED
JUN 14 1996
DIV. OF OIL, GAS & MINING

OPERATOR:

Geo-Western
8156 South 535 East
Salt Lake City, UT 84070
(801) 566-8479
Gary Hewitt

ANTICIPATED STARTING DATE:

June 17, 1996

ANTICIPATED COMPLETION DATE:

July 5, 1996

BOND:

See attached bond information.

MAPS:

The attached drawing shows the proposed locations of the resistivity lines.

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PROJECT DESCRIPTION:

PacifiCorp/Energy West proposes to conduct a resistivity/I.P. survey on East Mountain. The survey will use the Pole-Dipole resistivity method. The following will be done in conjunction with this survey:

1. Six (6) survey lines will be located as indicated on the attached maps. Stations will be established along each line on 25-foot intervals. The stations will consist of a pin flag at every 25 feet and a wooden stake at every 200 feet.

2. Potentiometer and electrodes will be placed on the ground at each of the stations but at no time will there be more than 10 stations occupied at one time.

3. Single conductor insulated wires will be pulled across the ground to connect the potentiometer and electrodes to the survey instrument. Where the wires cross roads, they will be placed in such a way as not to obstruct traffic along the road.

4. All stakes, pin flags, and ribbon will be removed immediately after the resistivity survey is completed and the locations of the lines are surveyed.

5. Data will be transmitted to appropriate land management agencies.

No camping, staging or storage areas will be established and no explosives will be used in connection with this project.

The survey will be conducted in such a way that it will not cause impact to the surface other than that associated with pedestrian traffic. There are no threatened and endangered plants in the area, and no brush, trees, or vegetation will be removed.

Several archeological surveys have been conducted in the vicinity of the proposed resistivity surveys. The following reports addressing this are on file at:

State of Utah
Division of State History
Utah State Historic Preservation Office
300 Rio Grande
Salt Lake City, UT 84101-1182

and
U.S. Department of Agriculture
U.S. Forest Service
Manti-LaSal National Forest
Price District Office
599 West Price River Drive
Price, UT 84501

Hauck, F.R.

1994 "Cultural Resource Evaluation of a Potential Subsidence Zone in the Rilda Canyon Locality of Emery County, Utah (UPL-94-4)." Report prepared for Energy West / Utah Power / PacifiCorp by Archeological-Environmental Research Corporation, Bountiful, Utah.

1993 "Cultural Resource Evaluation of Seven Proposed Exploratory Drilling Locations & Access Routes in the Trail Mountain Locality of Emery County, Utah." Prepared for Energy West (UPL-93-7). Archeological-Environmental Research Corporation, Bountiful.

1992 "A Class II Cultural Resource Evaluation of Sample Units in the East Mountain Locality of Emery County, Utah." AERC Paper No. 53, Archeological-Environmental Research Corporation, Bountiful.

1992 "Archaeological Excavations in the Rilda Canyon Locality of Huntington Canyon in Emery County, Utah." AERC Paper No. 51, Archeological-Environmental Research Corporation, Bountiful.

1991 "Prehistoric Occupations in the Trail Mountain Locality of Emery County, Utah (UPL-91-2)." Report prepared for PacifiCorp - Utah Power & Light Company by Archeological-Environmental Research Corporation, Bountiful, Utah.

1990 "An Archeological Evaluation of Six Proposed Coal Exploratory Locations and Associated Access Routes in the Trail Mountain Locality of Emery County, Utah." Report Prepared for the Utah Power & Light Company (UPL-90-1). Archeological-Environmental Research Corporation, Bountiful.

1990 "Cultural Resource Evaluation of Two Proposed Coal Exploratory Locations on Trail Mountain in Emery County, Utah." Report Prepared for the Utah Power & Light Company (UPL-90-4). Archeological-Environmental Research Corporation, Bountiful.

The resistivity lines will be located such that disturbance of known archeological sites is avoided. If surface artifacts are observed, the surface management agency will be notified. Absolutely no collecting of surface artifacts will be allowed.

Vehicles used to transport the equipment and crew members to the site will remain on established roads. Two suburbans will be used in this operation and the crew will consist of three (3) members. Both vehicles will be equipped with fire extinguishers and hand tools.

TABLE 1

1996 RESISTIVITY SURVEY LINES

LINE #	DESCRIPTION	LAND OWNERSHIP	LAND STATUS	LENGTH
LFG-1	Located in Section 32, Township 16 South, Range 7 East	USFS	On Lease Deer Creek	2,000'
LFG-2	Located in Section 32, Township 16 South, Range 7 East	USFS	On Lease Deer Creek	2,000'
LFG-3	Located in Section 32, Township 16 South, Range 7 East	USFS	On Lease Deer Creek	2,000'
LFG-4	Located in Section 32, Township 16 South, Range 7 East	USFS	On Lease Deer Creek	2,000'
LFG-5	Located in Section 32, Township 16 South, Range 7 East and Section 5, Township 17 South, Range 7 East	USFS and Private (Kent Barton)	On Lease Deer Creek	2,000'
LFG-6	Located in Sections 5, Township 17 South, Range 7 East	Private (Kent Barton & UP&L)	On Lease Deer Creek	3,600'
		TOTAL LENGTH ON USFS		9,000'
		TOTAL LENGTH ON PRIVATE		4,600'
		TOTAL SURVEY LENGTH		13,600'

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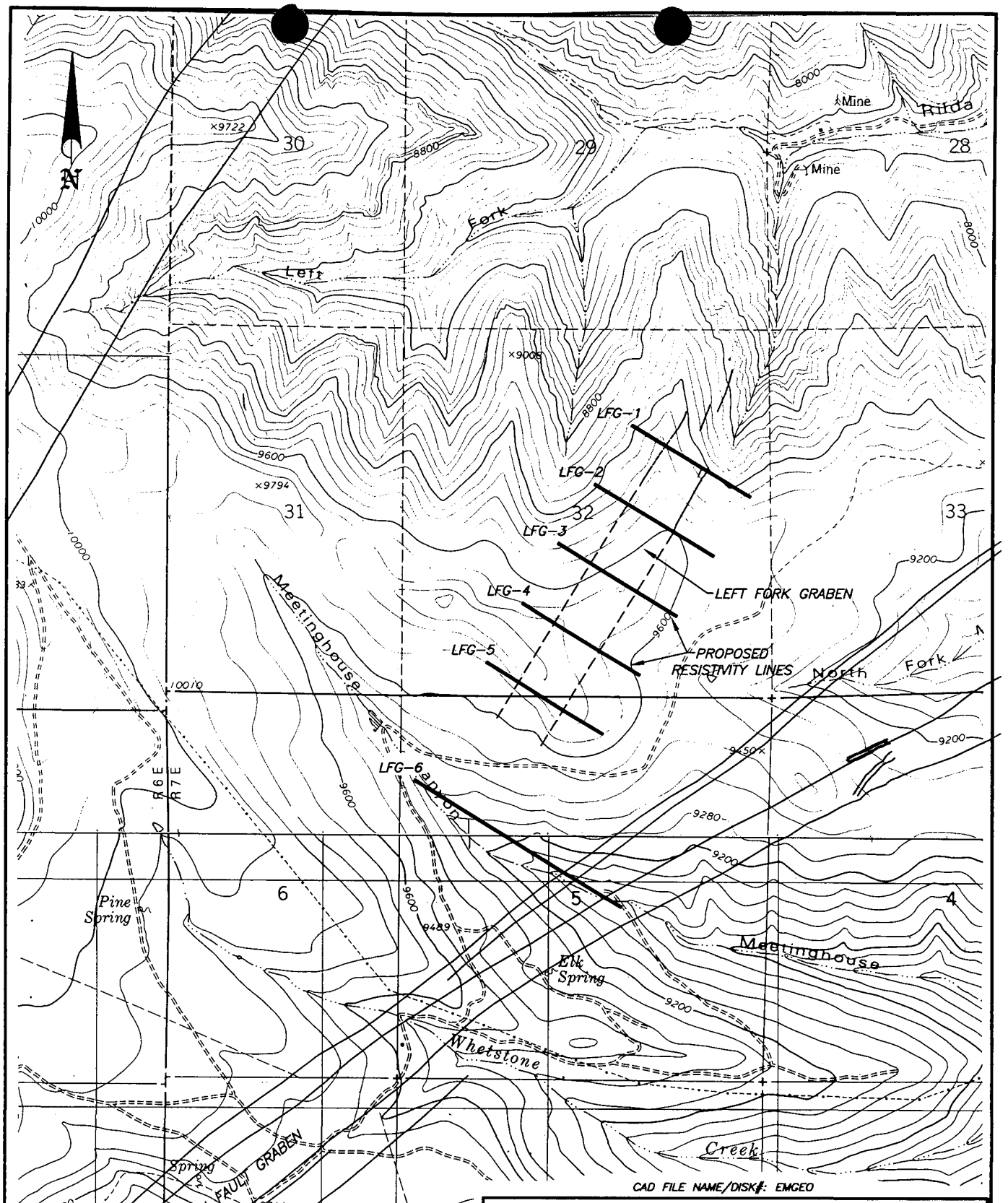


CAD FILE NAME/DISK#: EMGEO

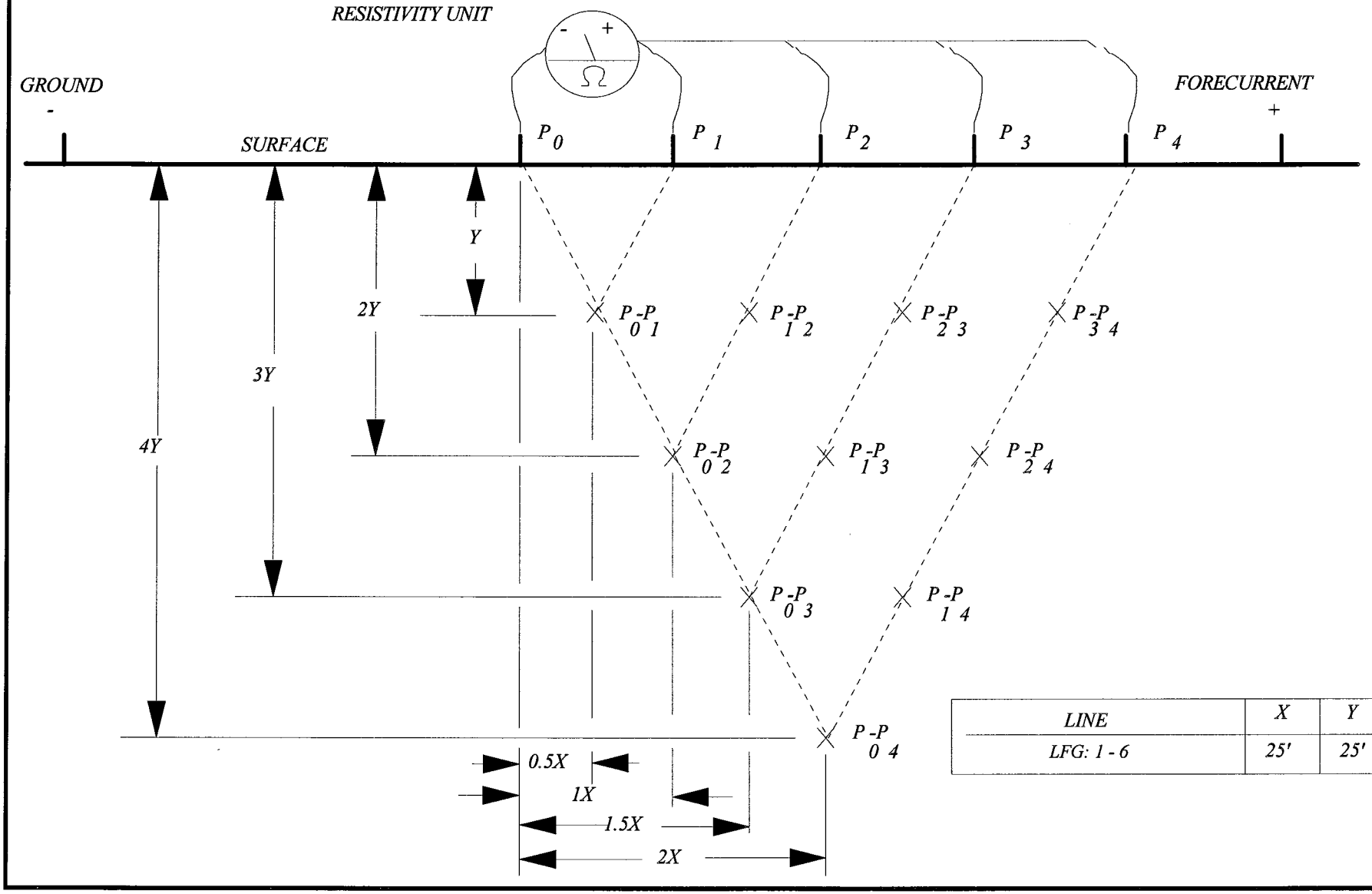
ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

EAST MOUNTAIN
RESISTIVITY SURVEY LOCATION MAP
USGS QUADS–MAHOGANY POINT & RILDA CANYON

DRAWN BY: K. LARSEN	FIGURE 1	
SCALE: 1"=2000'	DRAWING #:	
DATE: JUNE 5, 1996	SHEET 1 OF 1	REV.

FIGURE 2

POLE-DIPOLE RESISTIVITY CONFIGURATION



LINE	X	Y
LFG: 1 - 6	25'	25'

D:\EAST_MTN\DRAWINGS\POLEDIPO.PRE