0043

Incoming C/015/0018

**From:** "Fleck, Ken" <Kenneth.Fleck@PacifiCorp.com>
**To:** "OGMCOAL OGMCOAL" <ogmcoal@utah.gov>
**CC:** "Thomas W Lloyd" <twlloyd@fs.fed.us>, "John Blake" <jblake@utah.gov>, "O...
**Date:** 7/8/2008 11:43 AM
**Subject:** Task #2944, Letter of Intent to Conduct Minor Coal Exploration, Pacificorp, Deer Creek Mine, C/015/0018, Addendum to Move Hole 2008-2
**Attachments:** C1C2 Exploration NOI Hole Relocation Request 070808.doc; 2008-2 Hole Move Request 070808.pdf; General Location Map.pdf; Utah State Coal Lease ML-48258.pdf; Crandall Canyon Aerial Photo.pdf; Surface Ownership Map.pdf; Coal Ownership Map.pdf; Raptor Location Map.pdf; Water Line and Pump Location Map.pdf

Accompanying this e-mail message are documents and C1-C2 forms for a proposed change to the Notice of Intention to Conduct Minor Coal Exploration, Task #2944. The purpose of the change is to move a drill site to a more advantageous position for timely data acquisition. This is a matter of high urgency for Energy West. Original hard copies of these documents have been mailed today.

Thank You,

Kenneth S. Fleck
Geology and Environmental Affairs Manager

Energy West Mining Company
P.O. Box 310
Huntington, Utah 84528
435-687-4712

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☐ New Permit ☐ Renewal ☐ Exploration ☒ Bond Release ☐ Transfer ☐

**Permittee:** Pacificorp - Energy West Mining Company

**Mine:** Deer Creek Mine **Permit Number:** C/015/0018

**Title:** Notice of Intention to Conduct Minor Coal Exploration - Revised March, 2008 - Tracking #2944

**Description,** Include reason for application and timing required to implement:

Request to relocate hole #2008-2 from Crandall Canyon to Mill Fork Ridge

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: _____ ☐ increase ☐ decrease.
☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# _____
☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
☐ Yes ☒ No 6. Does the application require or include public notice publication?
☐ Yes ☒ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # _____
☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?
*Explain*: _____
☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
☐ Yes ☒ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
☐ Yes ☒ No 13. Does the application require or include collection and reporting of any baseline information?
☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
☐ Yes ☒ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
☐ Yes ☒ No 17. Does the application require or include construction, modification, or removal of surface facilities?
☐ Yes ☒ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
☐ Yes ☒ No 19. Does the application require or include certified designs, maps or calculation?
☐ Yes ☒ No 20. Does the application require or include subsidence control or monitoring?
☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
☐ Yes ☒ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Kenneth Fleck — Print Name

Kenneth S. Fleck — Sign Name, Position, Date — Manager of Environmental Affairs 07/08/08

Subscribed and sworn to before me this 8th day of July, 2008

Notary Public

My commission Expires: 11-23, 2008

Attest: State of UTAH } ss:
County of EMERY

DON CHILDS
NOTARY PUBLIC • STATE of UTAH
31 NORTH MAIN STREET
HUNTINGTON, UT 84528
COMM. EXPIRES 11-23-2008

| For Office Use Only: | Assigned Tracking Number: | Received by Oil, Gas & Mining |
|---|---|---|
| | | |

Form DOGM- C1 (Revised March 12, 2002)

# APPLICATION FOR COAL PERMIT PROCESSING
## Detailed Schedule Of Changes to the Mining And Reclamation Plan

**Permittee:** PacifiCorp - Energy West Mining Company
**Mine:** Deer Creek Mine **Permit Number:** C/015/0018
**Title:** Notice of Intention to Conduct Minor Coal Exploration - Revised March, 2008 - Tracking #2944

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

| | | | DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED |
|---|---|---|---|
| ☒ Add | ☐ Replace | ☐ Remove | Description of new hole location, map and aerial photograph of new location |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |
| ☐ Add | ☐ Replace | ☐ Remove | |

| **Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.** | **Received by Oil, Gas & Mining** |
|---|---|
| | |

ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP

P.O. Box 310
15 North Main Street
Huntington, Utah 84528

E-Mailed: July 8, 2008

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
1594 North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

**RE: ENERGY WEST NOTICE OF INTENTION TO CONDUCT MINOR COAL EXPLORATION (Task #2944): REQUEST TO RELOCATE DRILL HOLE 2008-2 FROM CRANDALL CANYON TO MILL FORK RIDGE - UTAH STATE COAL LEASE ML-48258; PACIFICORP, ENERGY WEST MINING CO., EMERY COUNTY, UTAH**

Energy West hereby requests to relocate drill hole 2008-2 from Crandall Canyon to Mill Fork Ridge. Based on results of the recently completed holes 2008-4 and 2008-6 in Mill Fork Canyon, further data is required to delineate splitting in the Blind Canyon Seam. Currently Energy West is developing a set of mains to access the Mill Fork reserves from the Deer Creek Mine. A new drill site on Mill Fork ridge will provide urgently needed and vital information for predicting geologic conditions within the projected 8th North Mains and the location of longwall panels in the vicinity of the 8th North Mains. The number of holes within the approved plan would remain the same, six (6). Mr. John Blake, SITLA, has been notified of this change request.

This request would be considered an addendum to the Notice of Intent to Conduct Minor Coal Exploration approved on April 24, 2008 (Task ID# 2944). The proposed location on Mill Fork Ridge is located in the SE1/4NE1/4 of Section 12, Township 16 South, Range 6 East (south 2055 feet, west 526 feet from the northeast corner). The proposed site on Mill Fork Ridge is located in a small meadow along the old reclaimed fire/drill road.

All aspects in terms of engineering principles, geologic setting, hydrology, soils, biology related to the proposed site on Mill Fork Ridge are the same as the approved sites in Mill Fork and Crandall canyons. Energy West carefully selects the exploration sites to minimize environmental affects. In this case, the drilling equipment will be placed on the trace of the old fire/drill road that was reclaimed in the early 1980s to avoid additional impact to undisturbed ground and vegetation.

Energy West will comply with the performance standards and conditions stated in the approved Notice of Intent to Conduct Minor Coal Exploration (approved on April 24, 2008: Task #2944), including all stipulations listed in the U.S.F.S. approval. The method of exploration to be used, amount of coal to be removed, and practices to be used to protect the area from adverse impacts and reclaim the area will comply with the approved plan:

> *The method of exploration to be used is helicopter-assisted drilling, in which the primary mode of transportation for drilling equipment and personnel is by helicopter, rather than by road. By using this method, drilling equipment can be transported into remote areas inaccessible by road to conventional drilling rigs, and environmental impact to the surface is minimized. All drills, drilling equipment, and personnel will be transported to the individual drilling sites by helicopter from staging areas located in Mill Fork Canyon.*
>
> *No access road or pad construction will be necessary for the proposed site on Mill Fork Ridge. Drilling equipment and materials will be transported to the drill site by helicopter. Personnel will access the site by vehicle and helicopter via existing roads and on foot. The new drill site is relatively level (20 percent or less slope); therefore, minimal site preparation will be necessary. Vegetation, in the form of trees, grasses, forbs and sparse, low shrubs, will not be removed. However, it may be necessary to remove dead-fall and some "taller" shrubs (mahogany, etc.)/aspen trees for safety reasons. This will be minimized and accomplished using hand tools. The dead-fall will be replaced upon completion of drilling. An area no larger than approximately 40' by 40' will be occupied at the drill site. Leveling of drilling equipment will be accomplished using hand tools and supports (wood blocks, etc.) transported to the site by helicopter. All materials, tools and equipment will be removed immediately upon completion of drilling and reclamation activities.*

Energy West will comply with <u>Practices to Protect from Adverse Impacts and to Reclaim the Area:</u> section stated in the approved plan.

> *"During drilling, water and drilling fluids will be recirculated to the extent possible. Any returned cuttings and other materials will be captured in a container at the drill site. The cuttings will be transported from the drill site to the staging area by helicopter and then by vehicle to the Deer Creek or Cottonwood Waste Rock sites for disposal. Containment of possible fluid spills will be achieved through the use of brattice ground cover, silt fence, and if necessary, earthen berms. If spills occur, all affected materials will be removed from the site and disposed of at an approved location. If soil is removed during spill containment and clean-up, the site of removal will be recontoured and seeded with the approved seed mixture."*

Pacificorp has obtained the necessary permissions and water rights actions to take water for drilling from local drainages in the vicinity of the proposed drill holes. Where water is taken from streams, this is done by laying an intake hose directly in the stream. No disturbance is made to the stream course.

Energy West estimates that projected startup time for 2008-2 would be July14, 2008. Time to complete the hole will be approximately seven (7) days.

If you require any additional information please call me at (435) 687-4712.

Thank you for your assistance in this special request.

Sincerely,

Kenneth S. Fleck

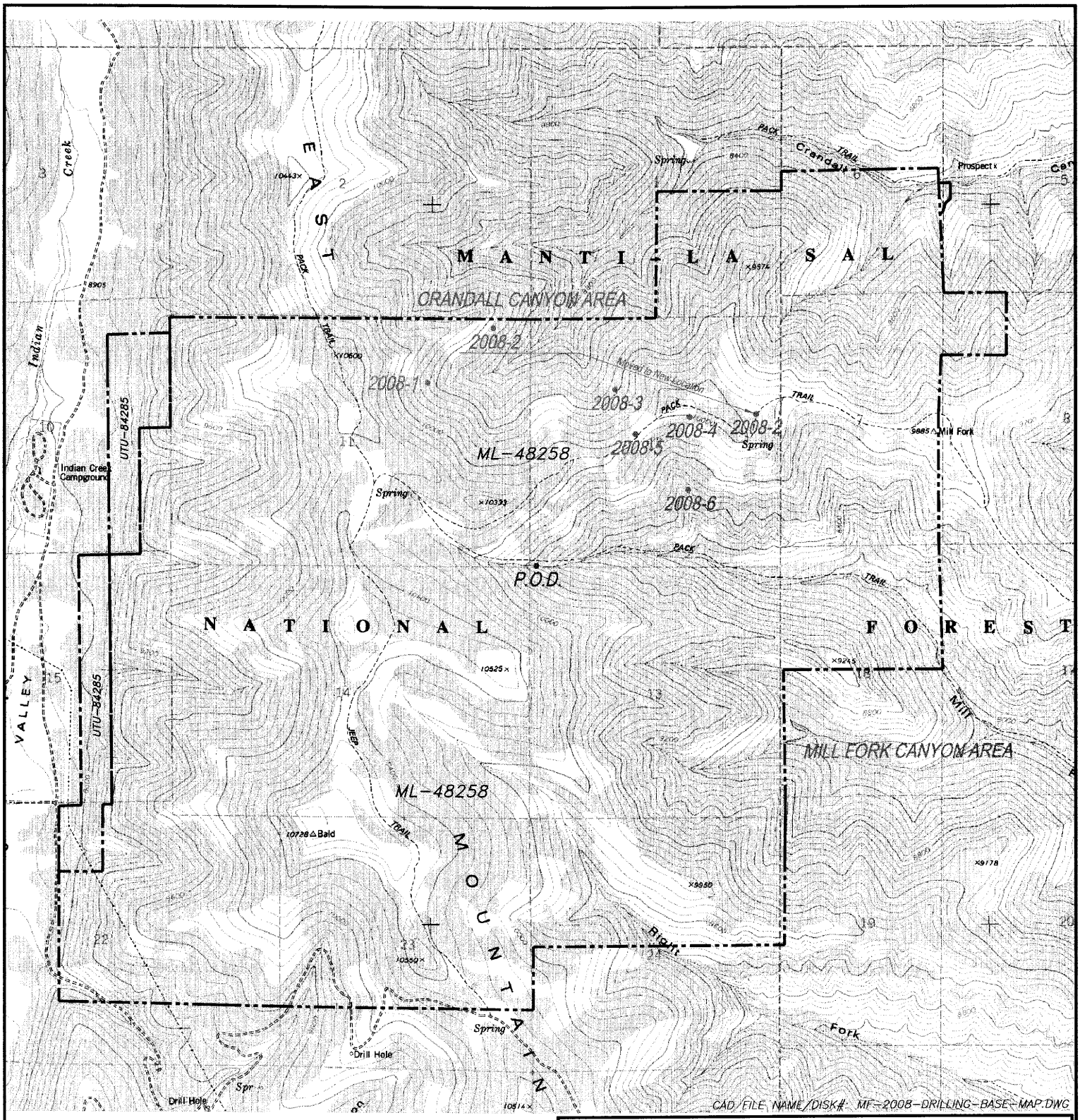
Kenneth S. Fleck

Geology and Environmental Affairs Manager

Enclosures (3 Copies)
cc:

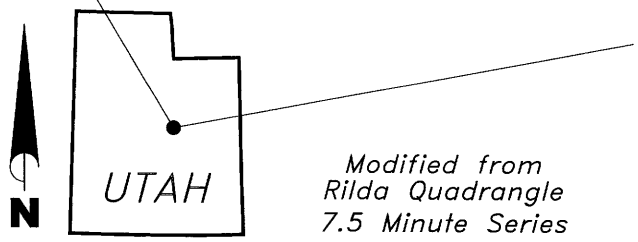
John Blake, SITLA
Scott Child (Interwest) w/o encl.

J:\GEO\Deer Creek\DRILLING\2008\2008-2 Hole Move Request 070808.wpd




CAD FILE NAME/DISK#: MF-2008-DRILLING-BASE-MAP.DWG

2008-1 Proposed 2008 Drill Hole

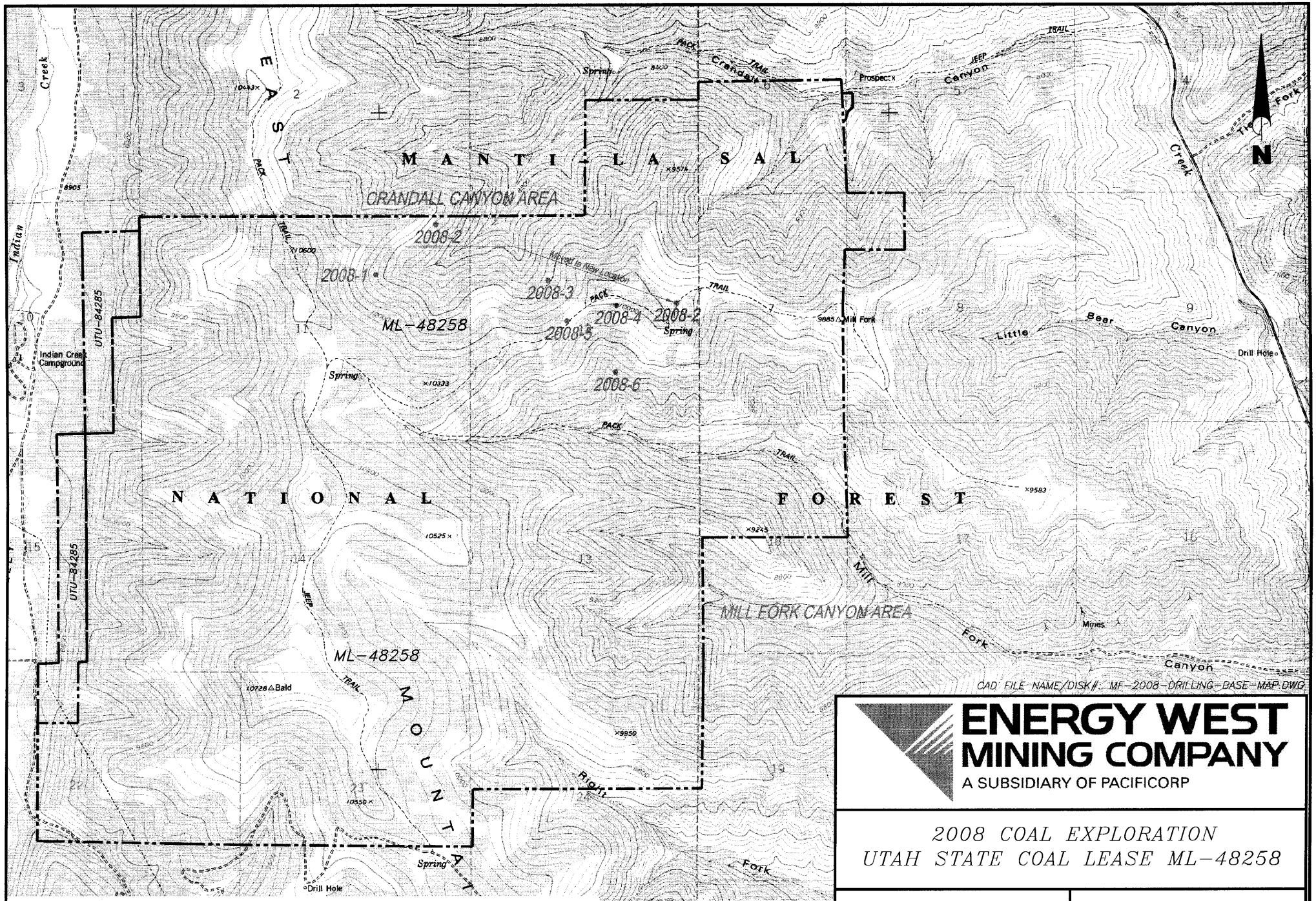



Modified from
Rilda Quadrangle
7.5 Minute Series

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258
# GENERAL LOCATION MAP

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" =3000' | DRAWING #: | |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. |




EM-204 • Completed 2007 Drill Hole

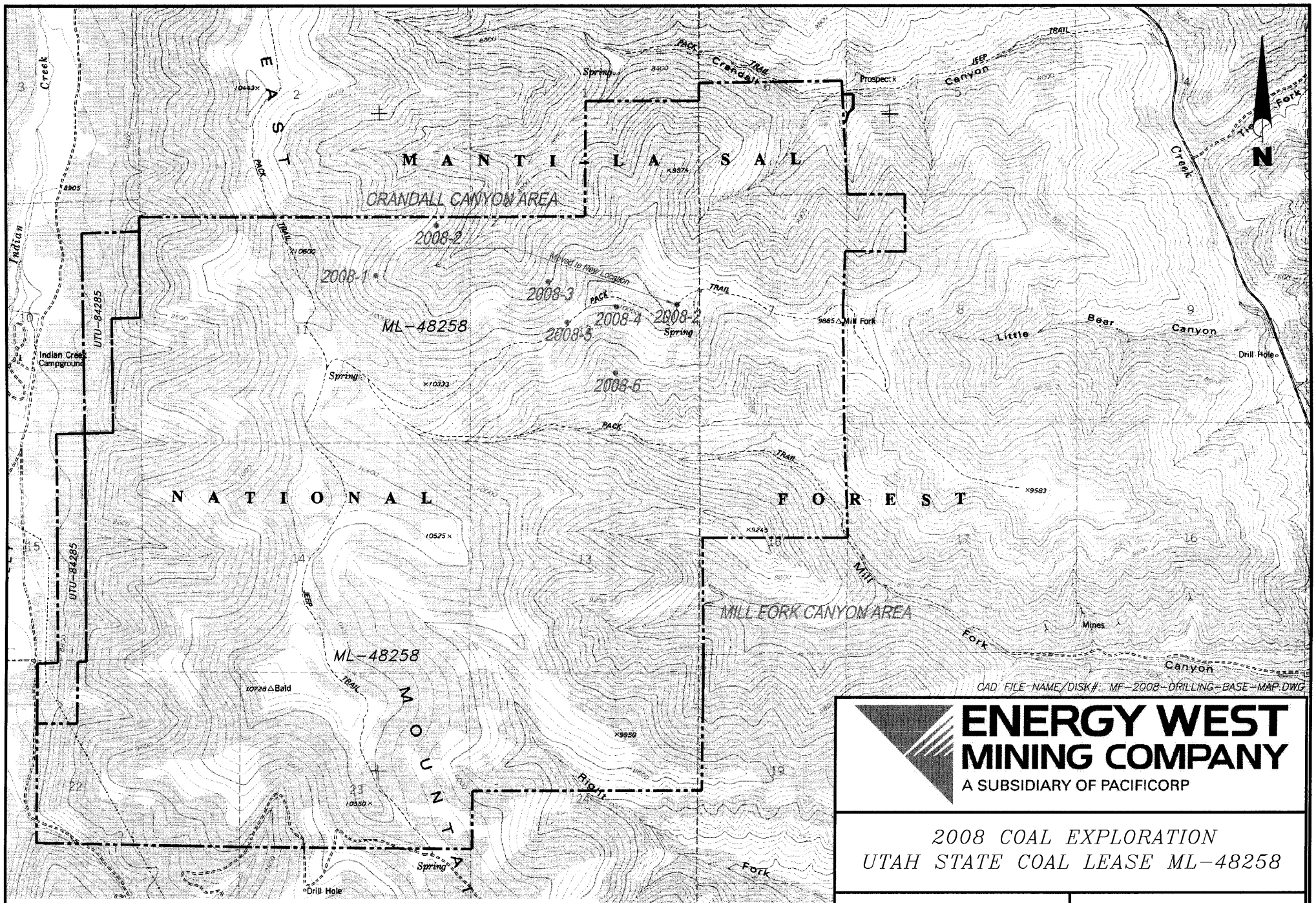
2008-1 • Proposed 2008 Drill Hole

CAD FILE NAME/DISK#: MF-2008-DRILLING-BASE-MAP.DWG

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" =3000' | DRAWING #: | |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. |




CAD FILE NAME/DISK#: MF-2008-DRILLING-BASE-MAP.DWG

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" = 3000' | DRAWING #: | |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. |

**EM-204** ● Completed 2007 Drill Hole

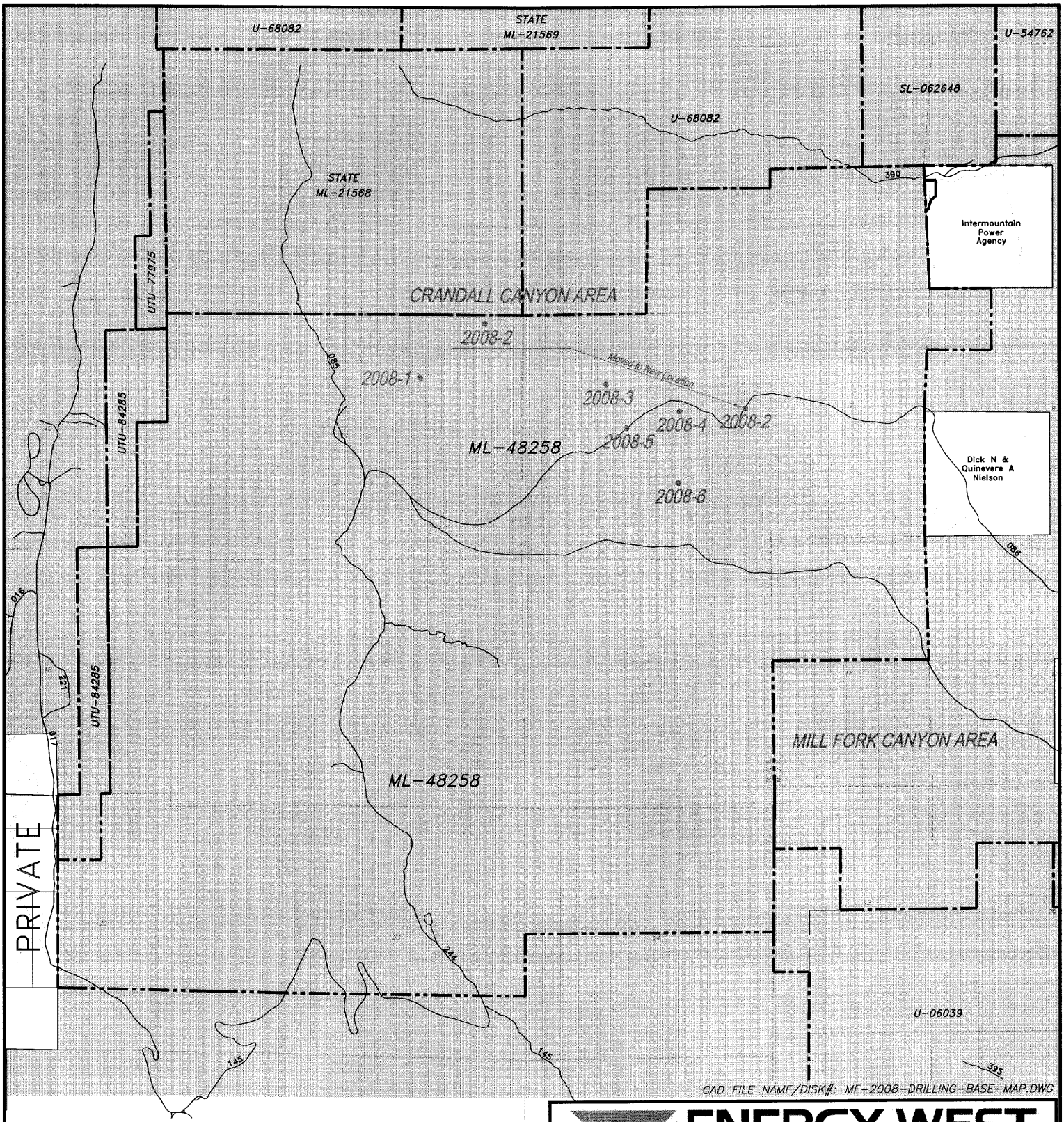
2008-1 ● Proposed 2008 Drill Hole

CAD FILE NAME/DISK#: 2008 DRILLING PLAN.DWG

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258
# CRANDALL CANYON AERIAL PHOTO

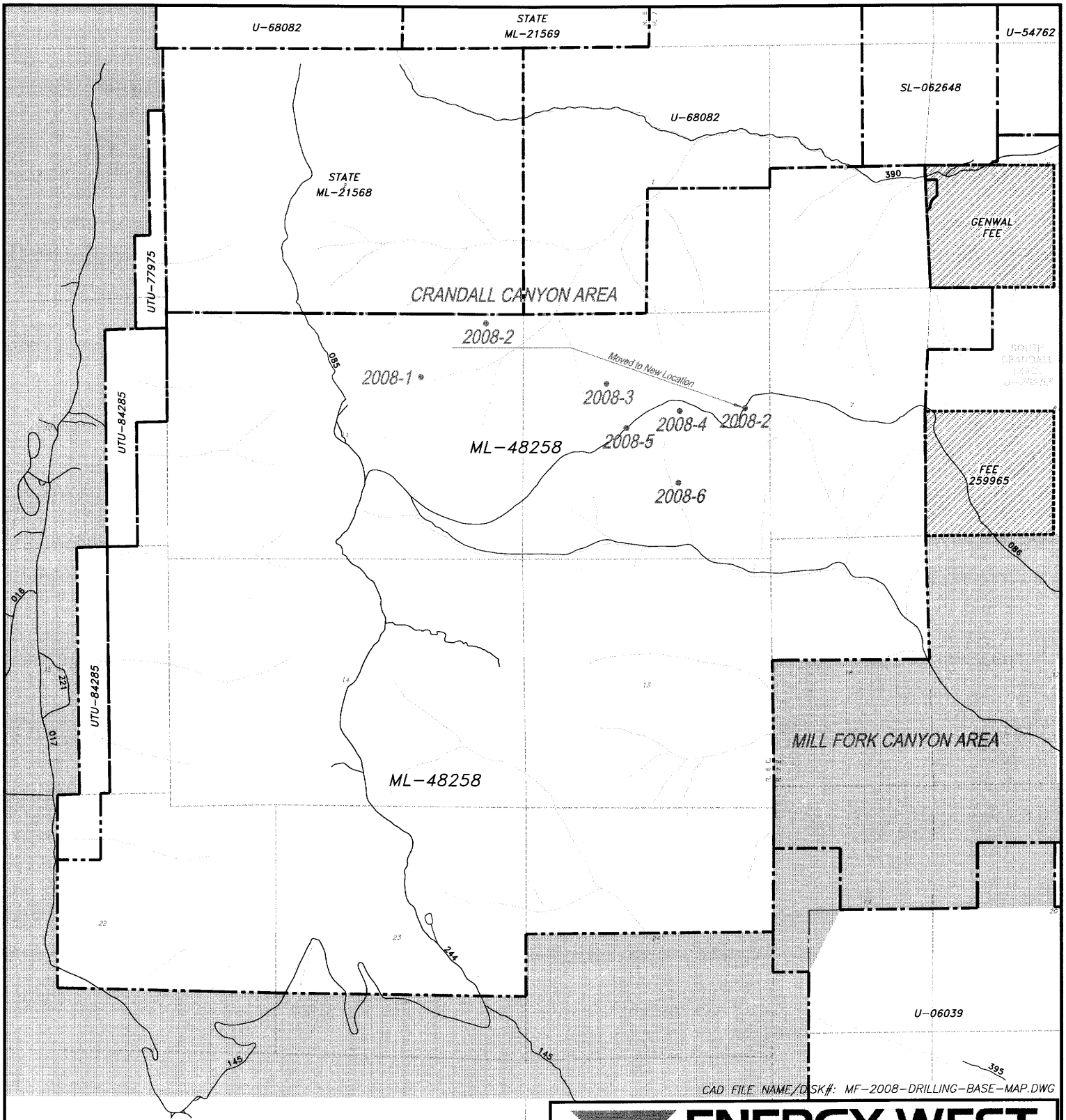
| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | ... | |
| SCALE: | 1" = 1/8 MILE | DRAWING #: | |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. ___ |

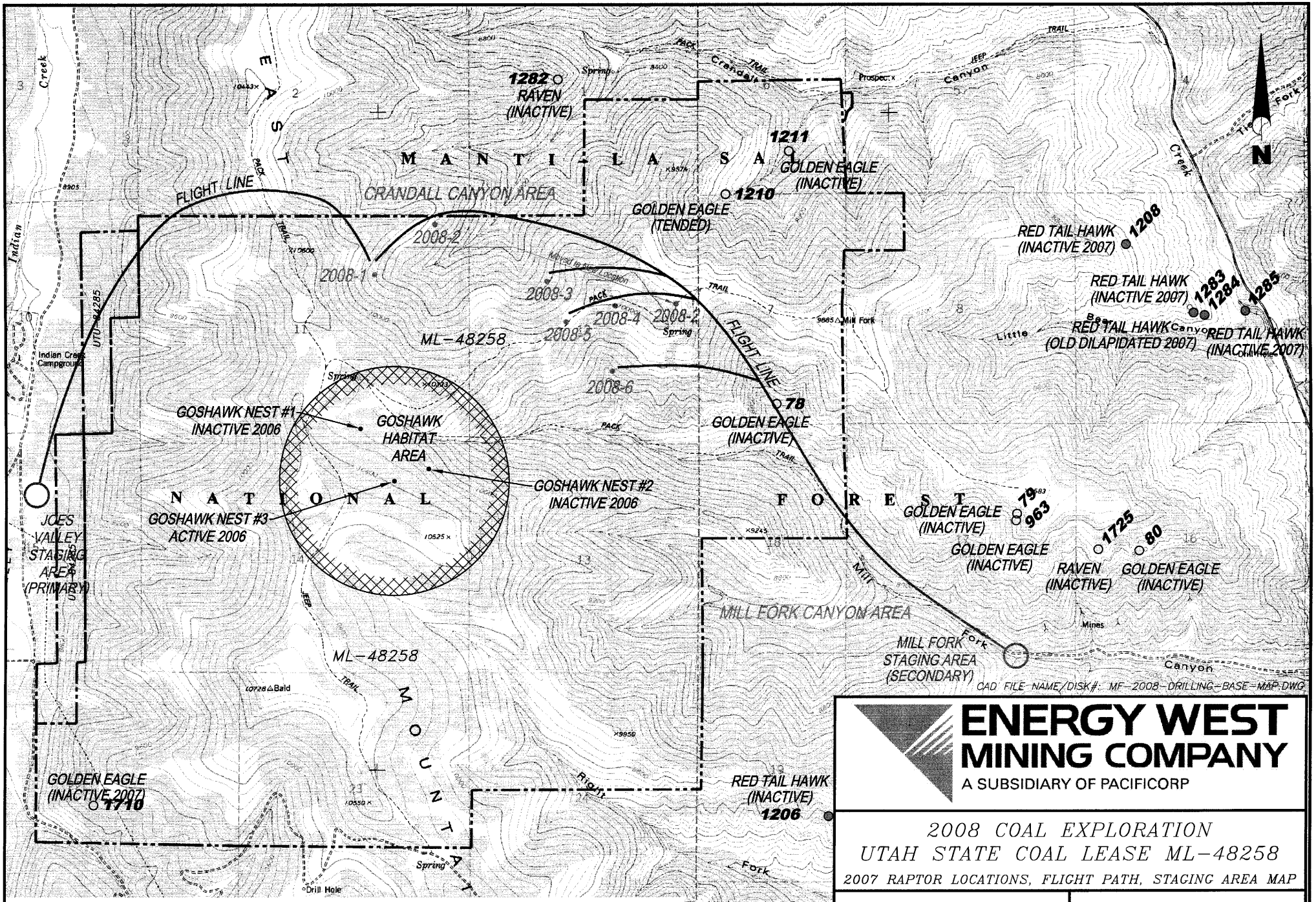



ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258
# SURFACE OWNERSHIP MAP

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" =3000' | DRAWING #: | .... |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. ___ |


U-68082
STATE
ML-21569
U-54762
SL-062648
U-68082
STATE
ML-21568
390
GENWAL
FEE
UTU-77975
CRANDALL CANYON AREA
2008-2
085
2008-1
Moved to New Location
2008-3
2008-4
2008-2
2008-5
ML-48258
FEE
259965
2008-6
086
018
UTU-84285
221
017
UTU-84285
MILL FORK CANYON AREA
ML-48258
22
23
24
244
U-06039
145
145
395
CAD FILE NAME/DISK#: MF-2008-DRILLING-BASE-MAP.DWG
2008-1 Proposed 2008 Drill Hole
UNLEASED FEDERAL COAL
FEE COAL
N
UTAH
Modified from
Rilda Quadrangle
7.5 Minute Series
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 COAL EXPLORATION
UTAH STATE COAL LEASE ML-48258
COAL OWNERSHIP MAP
DRAWN BY: K. LARSEN
SCALE: 1" =3000'
DRAWING #:
DATE: JULY 8, 2008
SHEET 1 OF 1
REV.




CAD FILE NAME/DISK#: MF-2008-DRILLING-BASE-MAP.DWG

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

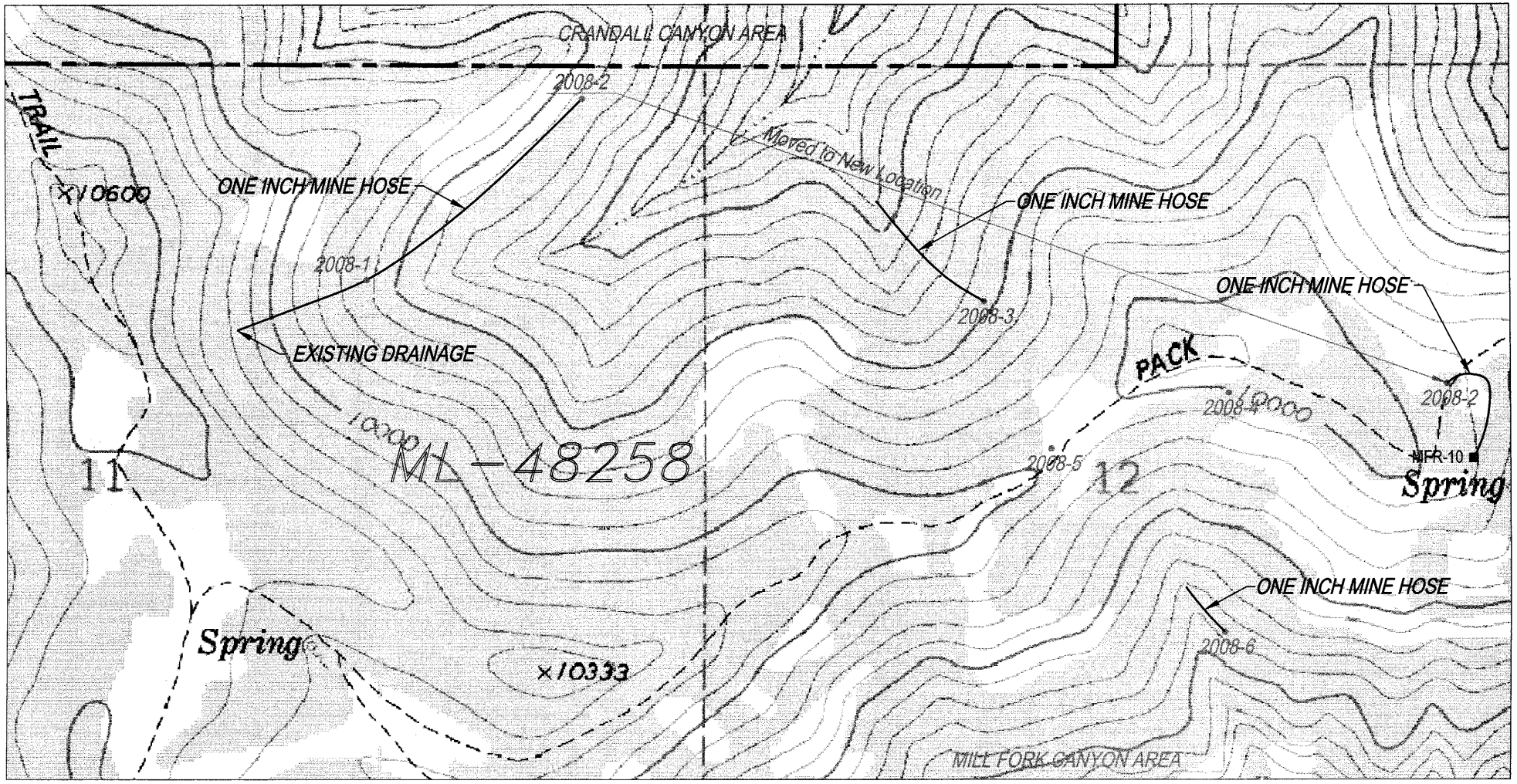
# 2008 COAL EXPLORATION
## UTAH STATE COAL LEASE ML-48258
### 2007 RAPTOR LOCATIONS, FLIGHT PATH, STAGING AREA MAP

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" = 3000' | DRAWING #: | .... |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. --- |

**Notes**

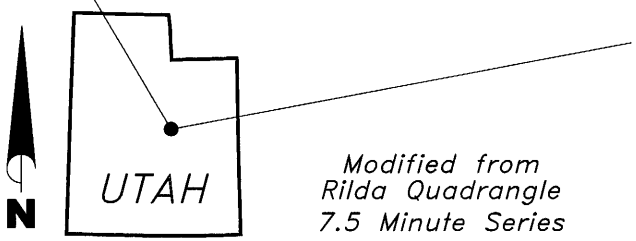
Nest Status Based on DWR Raptor Survey May 2007 & 2008

2008-1 Proposed 2008 Drill Hole




CAD FILE NAME/DISK#: MF-2007-DRILLING-BASE-MAP.DWG

2008-1 Proposed 2008 Drill Hole




Modified from
Rilda Quadrangle
7.5 Minute Series

THE PRIMARY WATER SOURCE
FOR DRILLING WILL BE THE
ADJACENT STREAMS AND SPRINGS
GRAVITY FLOW TO RIG
ONE INCH MINE HOSE

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# 2008 COAL EXPLORATION
# UTAH STATE COAL LEASE ML-48258
# WATERLINE & PUMP LOCATION MAP #1

| | | | |
|---|---|---|---|
| DRAWN BY: | K. LARSEN | | |
| SCALE: | 1" = 1000' | DRAWING #: | .... |
| DATE: | JULY 8, 2008 | SHEET 1 OF 1 | REV. ___ |