LEGEND

- LEASE BOUNDARY
- FAULT (DASHED WHERE INFERRED)
- WATER MONITORING STATION WITH FLUME
- WATER MONITORING STATION
- UT-0022896-004 UPDES DISCHARGE LOCATION
- EM-73 DRILL HOLE
- LAKE
- TROUGH
- POND
- SPRING
- MONITORING WELL

- TKnh NORTH HORN FORMATION
- Tf FLAGSTAFF FORMATION
- Kpr PRICE RIVER FORMATION
- Km MANCOS SHALE
- Ksp STARPOINT SNADSTONE
- Kbh BLACKHAWK FORMATION
- Kcg CASTLEGATE SANDSTONE

FOR DETAILED HYDROLOGY REFER TO MAP MFS185.1

ML-48258

UTU-84285

MILL FORK FAULT GRABEN

U-024317

U.P.&L. CO. FEE

U-06039

SL-051222

U-2810

SL-050862

U-014275

U-024319 RELINQUISHED APRIL 24, 1992

HUNTINGTON CREEK

U-47977

U-47653 Coal Sublease Terminated Effective 3/18/02

STATE ML-22509 Relinquished 12/6/81

U-47979 RELINQUISHED APRIL 24, 1992

MEETINGHOUSE CANYON FLUME MHCH

HUNTINGTON POWER PLANT

SL-064607 064621 RELINQUISHED APRIL 24, 1992

U-084924

U-084923

Left Fork Fault Zone

Left Fork Fault Zone

PINE SPRING RESERVOIR

PINE SPRINGS

PINE SPRINGS THROUGH

ELK SPRING

SUFCO #1382

DEER CREEK PERMIT BOUNDRY FLUME DCRO4

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

SL-064607 064621

SL-066116 RELINQUISHED APRIL 24, 1992

U-084923 RELINQUISHED APRIL 30, 1997

SL-070645 U-02292 RELINQUISHED APRIL 30, 1997

ROAN'S CANYON SYNCLINE

STRAIGHT CANYON SYNCLINE

MILL FORK GRABEN

U-083066 RELINQUISHED APRIL 30, 1997

U-040151 RELINQUISHED APRIL 30, 1997

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

U-02664 RELINQUISHED APRIL 24, 1992

L.D.S. FEE Relinquished 11/18/98

U-1358

U-1358 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED JUNE 12, 1995

U-02664 RELIN. 4-24-92

SL-050133 RELINQUISHED APRIL 22, 1992

U-49332

U-083996

U-47978 RELINQUISHED APRIL 24, 1992

U-47978 RELINQUISHED OCTOBER 16, 1992

U-37641 SEWER ABSORPTION FIELD

S.U.L.A. 1195

SEDIMENTATION POND

WASTE ROCK STORAGE SITE U-37642

WASTE ROCK STORAGE SITE UTU-65027

U-47978 RELINQUISHED APRIL 24, 1992

FOREST SERVICE SPECIAL USE PERMIT

STATE ML-22805 RELINQUISHED JANUARY 31, 1996

UTU-64375

GRIMES WASH

DATE	REVISIONS	BY	CHK
4-6-2010	UPDATED LEASE BOUNDARIES TO REFLECT LEASE RELINQUISHMENT AND UPDATED DRILL HOLES	KJL	
5-11-09	UPDATED MILL FORK DRILL HOLES	KJL	
3-21-07	UPDATED MILL FORK DRILL HOLES	KJL	
2-15-06	UPDATED MILL FORK DRILL HOLES	KJL	
4-14-05	UPDATED MILL FORK DRILL HOLES	KJL	
2-16-04	ADDED MILL FORK LEASE ML-48258	KJL	
3-1-02	IBC TO U-06039, UPDATE DRILL HOLES	KJL	
1-2-02	RELOCATED UT-0022896-001 TO TMA	KJL	
1-24-00	REVISED PERMIT BOUNDARIES	KJL	
1-28-99	REVISED DEER CREEK PERMIT BOUNDARY U-06039	KJL	
4-17-98	UPDATED WASTE ROCK SITE, S.U.L.A.,FAULTS	KJL	
9-15-97	ADDED 1995/1997 DRILL HOLES, RILDA RIGHT FORK TRAIL, REVISED SPRINGS 79-17,89-65	KJL	
8-27-97	ADDED FOREST SERVICE SPECIAL USE PERMIT	KJL	
4-3-97	REVISED TRAIL MTN. MINE LEASE BOUNDARY AND ADDED ROANS CANYON SPRING	KJL	

File in:
☐ Confidential
☒ Shelf annual report
☐ Expandable
Date Folder 04/30/10 C/ 0150018
See Incoming For additional information

STATE OF UTAH REFERENCE NUMBER 5234167-2250 CHARLES A. STANDIFORD (RISK) LICENSED PROFESSIONAL GEOLOGIST

RECEIVED
APR 13 2010
DIV. OF OIL, GAS & MINING

HM-4

CAD FILE NAME/DISK#: HM-4.DWG

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

SPRING MAP

DRAWN BY: K. LARSEN
SCALE: 1" =2000'
DATE: APRIL 6, 2010
DRAWING #: CE-10404-EM
SHEET 1 OF 1
REV. ---