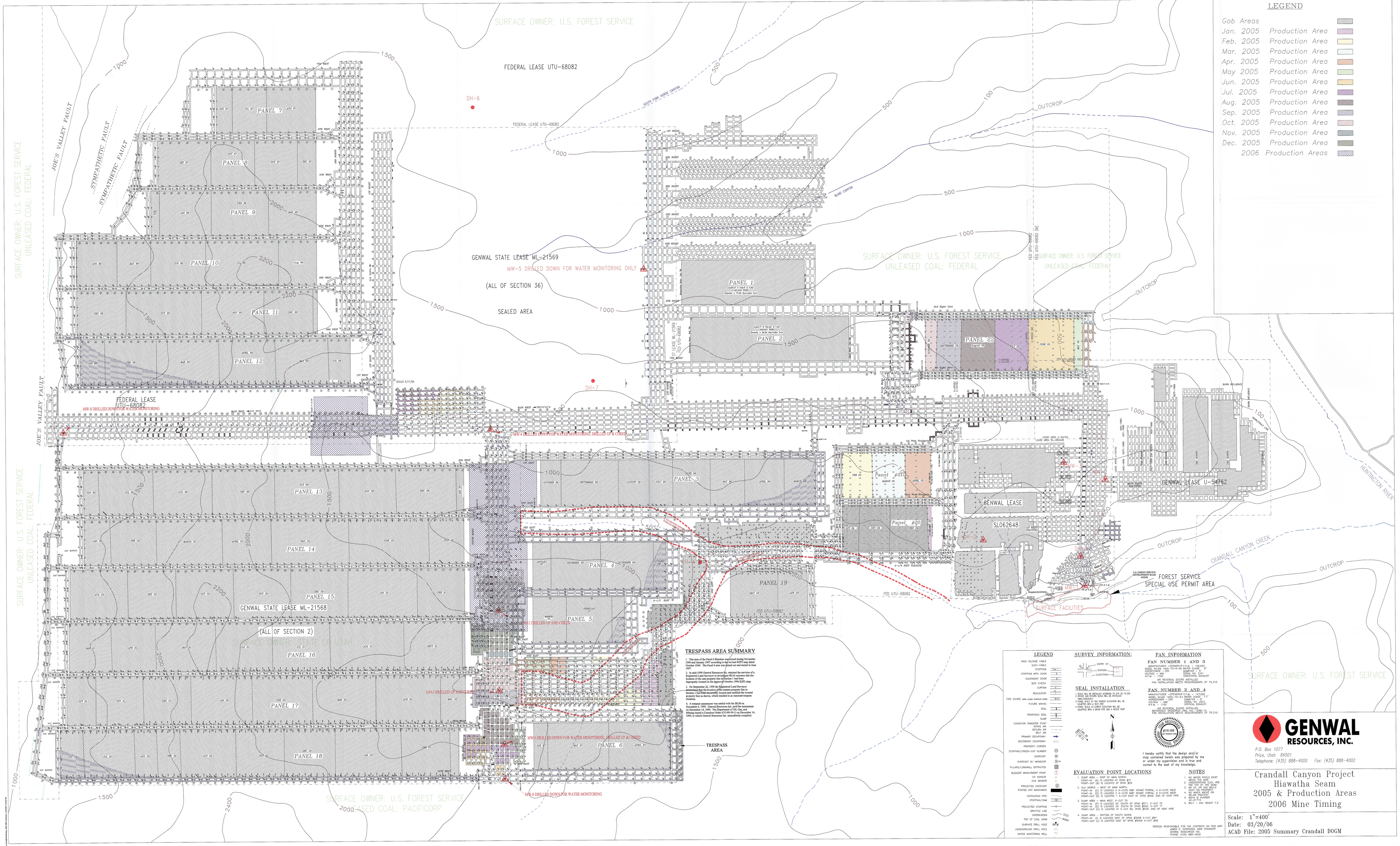
SURFACE OWNER: U.S. FOREST SERVICE
FEDERAL LEASE UTU-68082
DH-6
DH-7
GENWAL STATE LEASE ML-21569
MW-5 DRILLED DOWN FOR WATER MONITORING ONLY
(ALL OF SECTION 36)
SEALED AREA
SURFACE OWNER: U.S. FOREST SERVICE
UNLEASED COAL: FEDERAL
OUTCROP
JOE'S VALLEY FAULT
SYMPATHETIC FAULT
PANEL 7
PANEL 8
PANEL 9
PANEL 10
PANEL 11
PANEL 12
PANEL 13
PANEL 14
PANEL 15
PANEL 16
PANEL 17
PANEL 18
PANEL 1
PANEL 2
PANEL 3
PANEL 4
PANEL 5
PANEL 6
PANEL 19
PANEL 20
PANEL 21
PANEL 22
FEDERAL LEASE UTU-68082
MW-4 DRILLED DOWN FOR WATER MONITORING
MW-4 DRILLED DOWN FOR WATER MONITORING DRILLED UP & CORED
GENWAL STATE LEASE ML-21568
(ALL OF SECTION 2)
SURFACE OWNER: U.S. FOREST SERVICE
UNLEASED COAL: PACIFICORP
TRESPASS AREA
GENWAL LEASE U-54762
GENWAL LEASE
SL062648
FOREST SERVICE
SPECIAL USE PERMIT AREA
SURFACE FACILITIES
CRANDALL CANYON CREEK
HUNTINGTON RIVER
FED UTU-68082
LEGEND
Gob Areas
Jan. 2005 Production Area
Feb. 2005 Production Area
Mar. 2005 Production Area
Apr. 2005 Production Area
May 2005 Production Area
Jun. 2005 Production Area
Jul. 2005 Production Area
Aug. 2005 Production Area
Sep. 2005 Production Area
Oct. 2005 Production Area
Nov. 2005 Production Area
Dec. 2005 Production Area
2006 Production Areas
TRESPASS AREA SUMMARY
1. This area of the Panel 6 Trespass was found during November 1996 and January 1997 according to the revised R2P2 map dated October 1996. The Panel 6 area was closed out and sealed in June 1997.
2. In mid-1998 Genwal Resources Inc. retained the services of a Registered Land Surveyor to investigate BLM concerns that the Panel 6 Trespass area was sealed in Section 2 and not in improperly located on the approved October 1996 R2P2 map.
3. On September 22, 1998 the Registered Land Surveyor determined that the location of the eastern property line in Section 1 had been incorrectly located and certified the located property line as shown, which resulted in an innocent trespass situation.
4. A trespass assessment was settled with the SLM on December 4, 1998. Genwal Resources Inc. paid the assessment and received a "Notice of Trespass" from the Department of the Interior, Minerals Management Service, Case Number 98-0-0-TR-0-1 on December 14, 1998, to which Genwal Resources Inc. immediately complied.
LEGEND
HIGH VOLTAGE CABLE
ELEC.-CABLE
STOPPING
STOPPING WITH DOOR
EQUIPMENT DOOR
BOX CHECK
CURTAIN
REGULATOR
FIRE DOORS (OPEN UNLESS OTHERWISE NOTED)
FUTURE MINING
SEAL
PROPOSED SEAL
SUMP
CONVEYOR TRANSFER POINT
INTAKE AIR
RETURN AIR
BELT AIR
PRIMARY ESCAPEWAY
SECONDARY ESCAPEWAY
PROPERTY CORNER
STOPPING/CROSS-CUT NUMBER
OVERCAST
OVERCAST W/ WINDOOR
PILLARS(UNDERMINE) EXTRACTED
BLEEDER MEASUREMENT POINT
CO SENSOR
CH4 SENSOR
PROJECTED OVERCAST
POSTED NOT MAN/WORKED
VENTILATION PIPE
STOPPING/DAM
PROJECTED STOPPING
BRATTICE LINE
OVERBURDEN
TOP OF COAL SEAM
SURFACE DRILL HOLE
UNDERGROUND DRILL HOLE
WATER MONITORING WELL
SURVEY INFORMATION:
DATEY HO
STATION
ELEVATION
SEAL INSTALLATION
1 SEALS WILL BE METALLIC ACCORDING TO CFR 30-75.335
2 INTAKE AND RETURN SEALS WILL BE METALLIC (MAG SHIELDS)
3 SEALS WILL BE HIGHEST ELEVATION WILL BE CLOSTED WITH A BLIO VIPC
4 PANEL SEALS AT LOWEST ELEVATION WILL BE EQUIPPED WITH A DRAIN PIPE AND A WATER TRAP
MAGNETIC NORTH
TRUE NORTH
EVALUATION POINT LOCATIONS
1. SUMP AREA - EAST OF MAIN NORTH:
POINT-IN (I) IS LOCATED AT SPAD #371
POINT-OUT (O) IS LOCATED AT SPAD #319
2. OLD WORKS - WEST OF MAIN NORTH:
POINT-IN (I) IS LOCATED 2 X-CUTS INBY INTAKE PORTAL, 4 X-CUTS WEST
POINT-IN (O) IS LOCATED 3 X-CUTS INBY INTAKE PORTAL, 5 X-CUTS WEST
POINT-OUT (O) IS LOCATED EAST OF SPAD #406, END OF VENT PIPE
3. SUMP AREA - MAIN WEST: X-CUT 75
POINT-IN (I) IS LOCATED 50' SOUTH OF SPAD #871, X-CUT 72
POINT-IN (O) IS LOCATED 50' SOUTH OF SPAD #902, X-CUT 71
POINT-OUT (O) IS LOCATED AT X-CUT 83, SPAD #839, END OF VENT PIPE
4. SUMP AREA - BOTTOM OF SOUTH WAND:
POINT-IN (I) IS LOCATED EAST OF SPAD #3009 X-CUT #47
POINT-OUT (O) IS LOCATED EAST OF SPAD #3009 X-CUT #48
FAN INFORMATION
FAN NUMBER 1 AND 3
MANUFACTURER =STERNDIFF,E.P.M. = 159,000
MODEL NO.SW 1400-70-8-80 WATER GUAGE = 8"
HORSEPOWER = 250 DIAMETER = 8'
VOLTAGE = 460 SERIAL NO. = 2341
R.P.M. = 1750 VERTICAL DISCHARGE
FOR INSTALLATION MEETS REQUIREMENTS OF 75.310
FAN NUMBER 2 AND 4
MANUFACTURER =STERNDIFF,E.M. = 147,000
MODEL NO.SW 1400-70-8-4 WATER GUAGE = 7.5"
HORSEPOWER = 250 DIAMETER = 8'
VOLTAGE = 460 SERIAL NO. = 2343
R.P.M. = 1750 VERTICAL DISCHARGE
AIR REVERSAL DOORS INSTALLED
FOR INSTALLATION MEETS REQUIREMENTS OF 75.310
#191488
STATE OF UTAH
I hereby certify that the design and/or map contained herein was prepared by me or under my supervision and is true and correct to the best of my knowledge.
NOTES
1. NO WATER POOLS EXIST WITHIN 500' OF MINE
2. UNDERGROUND ELEC.WIRE IS 2300 VOLTS OR LESS
3. NO OIL OR GAS WELLS EXISTS WITHIN 500' OF MINE EXCEPT OR BELOW PROPERTY
4. NO CO2 NUMBER
5. KB=7.5'
6. BELT - AVG HEIGHT 7.2'
PERSON RESPONSIBLE FOR THE CONTENTS ON THIS MAP:
JAMES R. SCHNEIDER, MINE ENGINEER
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GENWAL RESOURCES, INC.
P.O. Box 1077
Price, Utah 84501
Telephone: (435) 888-4000 Fax: (435) 888-4002
Crandall Canyon Project
Hiawatha Seam
2005 & Production Areas
2006 Mine Timing
Scale: 1"=400'
Date: 03/20/06
ACAD File: 2005 Summary Crandall DOGM