FIGURES
FIGURE ES-1
PW-1, -2, AND -3 AQUIFER TESTING LOCATIONS

LEGEND

- Pumping Well PW1-PW3
- Monitoring and Observation Well
- Estimated Radius of Influence from 48 Hour Pumping Test
- Site Boundary
- Public Land Survey System

REFERENCES
USGS. Various dates. Topo Quad (7.5') drawn from National Geographic TOPO! 4.0 [software] 2005:
Projection: StatePlane, Colorado Central, NAD83, Feet.

ENERGY FUELS RESOURCES
PINON RIDGE
MONTROSE COUNTY, COLORADO

SCALE 1:24,000
1 INCH EQUALS 2,000 FEET
WHEN PRODUCED AT SIZE 11X17IN
FIGURE 1

EXPLOSION HOLE
Pumping Well PW1-PW3
Monitoring and Observation Well
Site Boundary
Public Land Survey System

REFERENCES
USGS. Various dates. Topo Quad (7.5') drawn from National Geographic TOPO! 4.0 [software] 2005:
Projection: StatePlane, Colorado Central, NAD83, Feet.

SCALE 1:66,000 1 INCH EQUAALS 3,000 FEET WHEN PRODUCED AT SIZE 11X17 IN.

ENERGY FUELS RESOURCES
PINON RIDGE
MONTROSE COUNTY, COLORADO

WELL LOCATIONS

FILE No. 11x17_AllWellOverview30K.mxd | ARatke | 11/12/2008 2:08:21 PM
Ford Valley, CO

PW-1 (EX-08-6) Survey

Coordinates:

Survey E: 4104.66 feet
Survey N: 1592060 feet

Elevation Ground Level: 5568.66 feet
Elevation Top of Casing: 5570.66 feet

Comments: Geophysical logs from original produced area are not available.

Total Depth: 380 feet

Production Well PW-1.

Well ID: PW-1
Project Number: EX-08-6

Survey Coordinates:

Survey E: 4104.66 feet
Survey N: 1592060 feet

Elevation Ground Level: 5568.66 feet
Elevation Top of Casing: 5570.66 feet

Geophysical logs from original produced area are not available.

Date Drilled: 7/24/2008

Well Diameter: 8 3/4 inches

Surface Casing Diameter: 9 5/8 inches

Casing Stickup Height: approx. 2 feet

Driller: Gordon Smith

Screened Interval: from 320 to 370 feet

Casing Type: Steel

Casing Wall Size: 3/8 inch

Static Water Level: 281 feet

Screen Type: Steel

Screen Slot Size: 1/16 and 1/8 inch

Water Encountered:

Surface Casing Wall Size:

Short Water: 0 to 320 feet

Blank Casing: 20 to 250 feet

Rubber Packers: 250 to 300 feet

Rubber Packers: 300 to 350 feet

Water Encounter:

Blank Casing: 350 feet to 380 feet

Water Stabilized:

Interpreted Geologic Contacts:

Figure 2: Production Well PW-1 Construction Summary

Well Construction Diagram

Gamma (CPS)
Conductivity (MS)
Induction Res. (Ohm-A)
SP (MV)
SBR (Ohm-M)
Interpreted Geologic Contacts

Wingate Sandstone
Chinle Chert
Chinle- M. Contact
Water Encountered
Water Stabilized

Well Location:

Well ID:

Survey Coordinates:

Survey E: 4104.66 feet
Survey N: 1592060 feet

Elevation Ground Level: 5568.66 feet
Elevation Top of Casing: 5570.66 feet

Comments: Geophysical logs from original produced area are not available.

Total Depth: 380 feet

Benchmark Diameter:

Surface Casing Diameter:

Casing Diameter:

Casing Type:

Surface Casing Wall Size:

Casing Wall Seal:

Casing Diameter: 6 5/8 inches

Date Drilled: 7/24/2008

Well Diameter: 8 3/4 inches

Surface Casing Diameter: 9 5/8 inches

Casing Stickup Height: approx. 2 feet

Driller: Gordon Smith

Screened Interval: from 320 to 370 feet

Casing Type: Steel

Casing Wall Size: 3/8 inch

Static Water Level: 281 feet

Screen Type: Steel

Screen Slot Size: 1/16 and 1/8 inch

Water Encountered:

Surface Casing Wall Size:

Short Water: 0 to 320 feet

Blank Casing: 20 to 250 feet

Rubber Packers: 250 to 300 feet

Rubber Packers: 300 to 350 feet

Water Encounter:

Blank Casing: 350 feet to 380 feet

Water Stabilized:

Interpreted Geologic Contacts:

Figure 2: Production Well PW-1 Construction Summary

Well Construction Diagram

Gamma (CPS)
Conductivity (MS)
Induction Res. (Ohm-A)
SP (MV)
SBR (Ohm-M)
Interpreted Geologic Contacts

Wingate Sandstone
Chinle Chert
Chinle- M. Contact
Water Encountered
Water Stabilized

Well Location:

Well ID:

Survey Coordinates:

Survey E: 4104.66 feet
Survey N: 1592060 feet

Elevation Ground Level: 5568.66 feet
Elevation Top of Casing: 5570.66 feet

Comments: Geophysical logs from original produced area are not available.

Total Depth: 380 feet

Benchmark Diameter:

Surface Casing Diameter:

Casing Diameter:

Casing Type:

Surface Casing Wall Size:

Casing Wall Seal:

Casing Diameter: 6 5/8 inches

Date Drilled: 7/24/2008

Well Diameter: 8 3/4 inches

Surface Casing Diameter: 9 5/8 inches

Casing Stickup Height: approx. 2 feet

Driller: Gordon Smith

Screened Interval: from 320 to 370 feet

Casing Type: Steel

Casing Wall Size: 3/8 inch

Static Water Level: 281 feet

Screen Type: Steel

Screen Slot Size: 1/16 and 1/8 inch

Water Encountered:

Surface Casing Wall Size:

Short Water: 0 to 320 feet

Blank Casing: 20 to 250 feet

Rubber Packers: 250 to 300 feet

Rubber Packers: 300 to 350 feet

Water Encounter:

Blank Casing: 350 feet to 380 feet

Water Stabilized:

Interpreted Geologic Contacts:
Figure 3: Production Well PW-2 Construction Summary

- **Well Location**: Paradox Valley, CO
- **Well ID**: PW-2 (EX-08-8)
- **Project Number**: 073-81694 N: 1589686 feet
- **Site Location**: Ground Level approximately 5622.46 feet
- **Total Depth**: 420 feet
- **Borehole Diameter**: 8 3/4 inches
- **Surface Casing Diameter**: 9 5/8 inches
- **Casing Height**: approximately 2 feet
- **Date Drilled**: 7/31/2008
- **Elevation of Top of Casing**: 5622.46 feet
- **Elevation of Ground Level**: 5622.46 feet
- **Screened Interval**: from 340 to 410 feet
- **Casing Type**: Steel Water
- **Casing Wall Size**: 3/8 inch
- **Screen Slot Size**: 1/16 and 1/8 inch
- **Initial Water Encountered**: 380 feet from surface
- **Static Water Level**: 331 feet

**Interpreted Geologic Contacts**
- Wingate Sandstone
- Chinle Formation
- Moenkopi Formation
- Chalk Formation

**Well Construction Diagram**
- **Gamma (CPS)**
- **Conductivity (MS)**
- **Induction Res. (GOhm m)**
- **SP (MV)**
- **SRP (Ohms)**

**Comments**: Geophysical logs from original well log application to 10 feet from production water level.
**Well ID:** PW-3

**Project Number:** EX-08-12

**Site Location:** Paradox Valley, CO

**Well Coordinates:**
- E: 2056444.96 feet
- N: 073-81694 feet

**Total Depth:** 380 feet

**Survey Coordinates:**
- E: 2056444.96 feet
- N: 073-81694 feet

**Ground Level Approx.:** 5555.88 feet

**Elevation Top of Casing:**
- Ex-08-12: 5557.88 feet

**Borehole Diameter:** 8 3/4 inches

**Surface Casing Diameter:** 9 5/8 inches

**Casing Stickup Height:** approx. 2 feet

**Date Drilled:** 7/15/2008

**Casing Type:** Steel

**Water Encountered:**
- Wingate Formation: 50 to 90 feet
- Chinle Formation: 100 to 240 feet

**Interpreted Geologic Contacts:**
- Blank Casing Screen: 240 to 280 feet
- Moenkopi-Hermosa contact: 280 to 320 feet
- Moenkopi-Hermosa contact: 320 to 370 feet
- Moenkopi-Hermosa contact: 370 to 380 feet

**Production Well PW-3:**

- **Surface Casing Wall Size:** 3/8 inch
- **Static Water Level:** 257 feet
- **Screen Type:** Steel
- **Screen Slot Size:** 1/16 and 1/8 inch

**Comments:**
- **Geophysical logs:** from original.
- **Graphical logs:** from original.
- **Water encounetered:** 50 to 90 feet.
**Well Locations**

<table>
<thead>
<tr>
<th>Well</th>
<th>Distance from Pumping Well (ft)</th>
<th>Pumping Rate (gpm)</th>
<th>Maximum Observed Drawdown (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW-1</td>
<td>0</td>
<td>52.1</td>
<td>45.6</td>
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<tr>
<td>PW-1 OB-A</td>
<td>106.1</td>
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<td>12.5</td>
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<td>PW-1 OB-B</td>
<td>317.0</td>
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<td>5.8</td>
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<td>MW-3</td>
<td>3122.8</td>
<td>--</td>
<td>NR</td>
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<tr>
<td>MW-9</td>
<td>1998.2</td>
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<td>NR</td>
</tr>
</tbody>
</table>

**Labeling Convention**
- PW-1 = Well ID
- 45.6 = Maximum Observed Drawdown in Feet
- NR = No Response

**Legend**
- Pumping Well PW-1
- Monitoring and Observation Well
- Estimated Radius of Influence from 48 Hour Pump Test
- Site Boundary
- Public Land Survey System

**References**
- USGS. Various dates. Topo Quad (7.5') drawn from National Geographic TOPO! 4.0 [software] 2005: Aerial Imagery; Montrose County.
- Projection: StatePlane, Colorado Central, NAD83, Feet.

**Figure 6**
- ENERGY FUELS RESOURCES
- PINON RIDGE
- MONTROSE COUNTY, COLORADO

**Project**
- MONTROSE COUNTY WELL LOCATIONS

**Scale**
- 1:6,000
- 1 Inch equals 500 Feet

**Units**
- 08/29/2008

**When Produced at Size 11x17in**
- NDM

**Data**
- NDM
- 08/29/2008
### PW-2 Aquifer Testing Well Locations

<table>
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<th>Well</th>
<th>Distance from Pumping Well (ft)</th>
<th>Pumping Rate (gpm)</th>
<th>Maximum Observed Drawdown (ft)</th>
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</thead>
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<td>PW-2 OB-B</td>
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<td>NR</td>
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<tr>
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<td>MW-8</td>
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<td>NR</td>
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<tr>
<td>MW-9</td>
<td>2590.2</td>
<td>--</td>
<td>NR</td>
</tr>
</tbody>
</table>

**Labeling Convention**
- PW-1 = Well ID
- 45.6 = Maximum Observed Drawdown in Feet
- NR = No Response

**References**

USGS. Various dates. Topo Quad (7.5') drawn from National Geographic TOPO! 4.0 [software] 2005:
Aerial Imagery: Montrose County.
Projection: StatePlane, Colorado Central, NAD83, Feet.
**TABLE**

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<th>Distance from Pumping Well (ft)</th>
<th>Pumping Rate (gpm)</th>
<th>Maximum Observed Drawdown (ft)</th>
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<td>PW-3</td>
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<tr>
<td>PW-3 OB-B</td>
<td>303.1</td>
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<td>2.0</td>
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</tbody>
</table>

**REFERENCE**