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|---------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-------------------------------------|
| API/UWI 05071095690000 | Location T34S-R67W-S04 | Field Name Purgatoire River | Permit Number 20081057 | State/Province Colorado | Well Configuration Type Vertical |
| Gr Elev (ft) 7,474.00 | Casing Flange Elevation (ft) | KB-Ground Distance (ft) 0.00 | KB-Casing Flange Distance (ft) | Spud Date 7/30/2008 06:00 | Rig Release Date 8/1/2008 18:30 |

Conductor Casing Cement, 7/30/2008 13:45

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|--|-----------------------------------|---------------------------------|---------------------------|-------------------------------|
| Type Casing | Cementing Start Date 7/30/2008 | Cementing End Date 7/30/2008 | Wellbore Original Hole | String Conductor, 47.1ftKB |
| Cementing Company Halliburton Energy Services | Evaluation Method | Cement Evaluation Results | | |

Comment
Cmt'd cond csg w/ 151 sks MCII TSB mixed @ 14.0 ppg & circ 30 bbls cmt to pit @ 14:40 hrs 7/30/2008

1, 3.0-50.0ftKB

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|----------------------------------|----------------------------------|--|------------------------------|-----------------------------------|---------------------------------|
| Top Depth (ftKB) 3.0 | Bottom Depth (ftKB) 50.0 | Full Return? Yes | Vol Cement Ret (bbl) 30.0 | Top Plug? Yes | Bottom Plug? No |
| Initial Pump Rate (bbl/min) 3 | Final Pump Rate (bbl/min) 3 | Avg Pump Rate (bbl/min) 3 | | Final Pump Pressure (psi) 20.0 | Plug Bump Pressure (psi) 0.0 |
| Pipe Reciprocated? No | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm) | | Pipe Rotated? No | Pipe RPM (rpm) |
| Tagged Depth (ftKB) | Tag Method | Depth Plug Drilled Out To (ftKB) 35.0 | | Drill Out Diameter (in) 11 | Drill Out Date 7/31/2008 |

Spacer

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|----------------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|
| Fluid Type Spacer | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 30.0 |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft ³ /sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
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| | | |

Conductor Cement

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|--------------------------------|---------------------------------------|---------------------------|---------------------------------------|----------------------------------|
| Fluid Type Conductor Cement | Fluid Description 14.0 | Amount (sacks) 151 | Class Midcon II | Volume Pumped (bbl) 42.0 |
| Estimated Top (ftKB) 3.0 | Estimated Bottom Depth (ftKB) 50.0 | Percent Excess Pumped (%) | Yield (ft ³ /sack) 1.66 | Mix H2O Ratio (gal/sack) 7.76 |
| Free Water (%) | Density (lb/gal) 14.00 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
| | | |

Displacement

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|-----------------------------|---------------------------------------|---------------------------|-------------------------------|--------------------------------|
| Fluid Type Displacement | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 5.0 |
| Estimated Top (ftKB) 3.0 | Estimated Bottom Depth (ftKB) 35.0 | Percent Excess Pumped (%) | Yield (ft ³ /sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
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Surface Casing Cement, 7/31/2008 11:15

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|--|-----------------------------------|---------------------------------|---------------------------|------------------------------|
| Type Casing | Cementing Start Date 7/31/2008 | Cementing End Date 7/31/2008 | Wellbore Original Hole | String Surface, 501.3ftKB |
| Cementing Company Halliburton Energy Services | Evaluation Method | Cement Evaluation Results | | |

Comment
Cmt'd surf csg w/ 230 sks MCII TSB mixed v@ 14.0 ppg & circ 24 bbls cmt to pit @ 12:13 hrs 7/31/2008

1, 2.5-505.0ftKB

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|----------------------------------|----------------------------------|---|------------------------------|------------------------------------|---------------------------------|
| Top Depth (ftKB) 2.5 | Bottom Depth (ftKB) 505.0 | Full Return? Yes | Vol Cement Ret (bbl) 24.0 | Top Plug? No | Bottom Plug? No |
| Initial Pump Rate (bbl/min) 3 | Final Pump Rate (bbl/min) 3 | Avg Pump Rate (bbl/min) 3 | | Final Pump Pressure (psi) 155.0 | Plug Bump Pressure (psi) 0.0 |
| Pipe Reciprocated? No | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm) | | Pipe Rotated? No | Pipe RPM (rpm) |
| Tagged Depth (ftKB) | Tag Method | Depth Plug Drilled Out To (ftKB) 455.1 | | Drill Out Diameter (in) 7 7/8 | Drill Out Date 7/31/2008 |

Spacer

| | | | | |
|----------------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|
| Fluid Type Spacer | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 35.0 |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft ³ /sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |



Cement Jobs by Well

Well Name: Apache Canyon 04-09

Conductor Casing Cement

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|---------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-------------------------------------|
| API/UWI 05071095690000 | Location T34S-R67W-S04 | Field Name Purgatoire River | Permit Number 20081057 | State/Province Colorado | Well Configuration Type Vertical |
| Gr Elev (ft) 7,474.00 | Casing Flange Elevation (ft) | KB-Ground Distance (ft) 0.00 | KB-Casing Flange Distance (ft) | Spud Date 7/30/2008 06:00 | Rig Release Date 8/1/2008 18:30 |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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| Surface Cement | | | | |
|------------------------------|--|---------------------------|--------------------------|----------------------------------|
| Fluid Type Surface Cement | Fluid Description 14.0 | Amount (sacks) 230 | Class Midcon II | Volume Pumped (bbl) 67.0 |
| Estimated Top (ftKB) 2.5 | Estimated Bottom Depth (ftKB) 505.0 | Percent Excess Pumped (%) | Yield (ft³/sack) 1.66 | Mix H2O Ratio (gal/sack) 7.76 |
| Free Water (%) | Density (lb/gal) 14.00 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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| Displacement | | | | |
|-----------------------------|--|---------------------------|----------------------|--------------------------------|
| Fluid Type Displacement | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 27.0 |
| Estimated Top (ftKB) 2.5 | Estimated Bottom Depth (ftKB) 430.0 | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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| Production Casing Cement, 8/1/2008 18:30 | | | | |
|--|----------------------------------|--------------------------------|---------------------------|-----------------------------------|
| Type Casing | Cementing Start Date 8/1/2008 | Cementing End Date 8/1/2008 | Wellbore Original Hole | String Production, 2,043.0ftKB |
| Cementing Company Halliburton Energy Services | Evaluation Method | Cement Evaluation Results | | |

Comment
Cmt'd prod csg in 2 stages w/ 104 / 137 sks TUNED LIGHT mixed @ 9.0 ppg & circ 10 / 30 bbls cmt to pit @ 20:47 hrs 8/01/2008.

| 1, 1,275.0-2,075.0ftKB | | | | | |
|----------------------------------|----------------------------------|---|------------------------------------|-----------------------------------|--------------------|
| Top Depth (ftKB) 1,275.0 | Bottom Depth (ftKB) 2,075.0 | Full Return? Yes | Vol Cement Ret (bbl) 10.0 | Top Plug? Yes | Bottom Plug? No |
| Initial Pump Rate (bbl/min) 5 | Final Pump Rate (bbl/min) 5 | Avg Pump Rate (bbl/min) 5 | Final Pump Pressure (psi) 130.0 | Plug Bump Pressure (psi) 900.0 | |
| Pipe Reciprocated? No | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm) | Pipe Rotated? No | Pipe RPM (rpm) | |
| Tagged Depth (ftKB) | Tag Method | Depth Plug Drilled Out To (ftKB) 1,996.1 | Drill Out Diameter (in) | Drill Out Date | |

| Spacer 1 | | | | |
|------------------------|-------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type Spacer 1 | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 20.0 |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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| Spacer 2 | | | | |
|------------------------|-------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type Spacer 2 | Fluid Description 9.00 | Amount (sacks) | Class | Volume Pumped (bbl) 30.0 |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 9.00 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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| Production Cement | | | | |
|---------------------------------|--|---------------------------|--------------------------|-----------------------------------|
| Fluid Type Production Cement | Fluid Description 9.00 | Amount (sacks) 104 | Class Prem Lite | Volume Pumped (bbl) 54.0 |
| Estimated Top (ftKB) 1,265.7 | Estimated Bottom Depth (ftKB) 2,075.0 | Percent Excess Pumped (%) | Yield (ft³/sack) 2.91 | Mix H2O Ratio (gal/sack) 11.34 |
| Free Water (%) | Density (lb/gal) 9.00 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

| Cement Fluid Additives | | |
|------------------------|------|------|
| Add | Type | Conc |
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Well Name: Apache Canyon 04-09

Conductor Casing Cement

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|---------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-------------------------------------|
| API/UWI 05071095690000 | Location T34S-R67W-S04 | Field Name Purgatoire River | Permit Number 20081057 | State/Province Colorado | Well Configuration Type Vertical |
| Gr Elev (ft) 7,474.00 | Casing Flange Elevation (ft) | KB-Ground Distance (ft) 0.00 | KB-Casing Flange Distance (ft) | Spud Date 7/30/2008 06:00 | Rig Release Date 8/1/2008 18:30 |

Displacement

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|------------------------------|--|---------------------------|----------------------|--------------------------------|
| Fluid Type Displacement | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 47.6 |
| Estimated Top (ftKB) 21.5 | Estimated Bottom Depth (ftKB) 1,996.1 | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
| | | |

2, 30.0-1,265.7ftKB

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|----------------------------------|----------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------|
| Top Depth (ftKB) 30.0 | Bottom Depth (ftKB) 1,265.7 | Full Return? No | Vol Cement Ret (bbl) 30.0 | Top Plug? Yes | Bottom Plug? Yes |
| Initial Pump Rate (bbl/min) 5 | Final Pump Rate (bbl/min) 5 | Avg Pump Rate (bbl/min) 5 | Final Pump Pressure (psi) 140.0 | Plug Bump Pressure (psi) 1,500.0 | |
| Pipe Reciprocated? No | Reciprocation Stroke Length (ft) | Reciprocation Rate (spm) | Pipe Rotated? No | Pipe RPM (rpm) | |
| Tagged Depth (ftKB) | Tag Method | Depth Plug Drilled Out To (ftKB) | Drill Out Diameter (in) | Drill Out Date | |

Spacer

| | | | | |
|----------------------|-------------------------------|---------------------------|----------------------|--------------------------------|
| Fluid Type Spacer | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 10.0 |
| Estimated Top (ftKB) | Estimated Bottom Depth (ftKB) | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
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Production Cement

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|---------------------------------|--|---------------------------|--------------------------|-----------------------------------|
| Fluid Type Production Cement | Fluid Description 9.00 | Amount (sacks) 137 | Class Prem Lite | Volume Pumped (bbl) 71.0 |
| Estimated Top (ftKB) 2.5 | Estimated Bottom Depth (ftKB) 1,265.7 | Percent Excess Pumped (%) | Yield (ft³/sack) 2.91 | Mix H2O Ratio (gal/sack) 11.34 |
| Free Water (%) | Density (lb/gal) 9.00 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
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Displacement

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|---------------------------------|--|---------------------------|----------------------|--------------------------------|
| Fluid Type Displacement | Fluid Description 8.33 | Amount (sacks) | Class | Volume Pumped (bbl) 30.2 |
| Estimated Top (ftKB) 1,265.7 | Estimated Bottom Depth (ftKB) 1,265.7 | Percent Excess Pumped (%) | Yield (ft³/sack) | Mix H2O Ratio (gal/sack) |
| Free Water (%) | Density (lb/gal) 8.33 | Plastic Viscosity (cP) | Thickening Time (hr) | 1st Compressive Strength (psi) |

Cement Fluid Additives

| Add | Type | Conc |
|-----|------|------|
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