

Wellbore Diagram

<u>Lease &amp; Well No.</u>	<u>Andrews 13</u>
<u>Field Name</u>	<u>Wattenberg</u>
<u>Location</u>	<u>CNE 30 1N64W 6 PM</u>

<u>Operator</u>	<u>Verdad Resources</u>
<u>County &amp; State</u>	<u>Weld County, CO</u>
<u>API No.</u>	<u>05-123-07613</u>

<u>K.B. Elevation</u>	<u>                    </u>
<u>D.F. Elevation</u>	<u>                    </u>
<u>Ground Level</u>	<u>5,003'</u>

Surface Casing					Visual
<u>Hole Size</u>	<u>12 1/4"</u>	<u>Csg Wt</u>	<u>24.0#</u>	<u>Depth</u>	
<u>Csg Size</u>	<u>8 5/8"</u>	<u>Sx. Cmt.</u>	<u>730 sx</u>	<u>TOC @</u>	
				<u>Surface</u>	
Intermediate Casing					Calculated
<u>Size (OD)</u>	<u>n/a</u>	<u>Weight</u>	<u>                    </u>	<u>Depth</u>	
<u>Grade</u>	<u>                    </u>	<u>Sx. Cmt.</u>	<u>                    </u>	<u>TOC @</u>	
				<u>                    </u>	
Production Casing					Calculated
<u>Hole Size</u>	<u>7 7/8"</u>	<u>Weight</u>	<u>11.6#</u>	<u>Depth</u>	
<u>Csg Size</u>	<u>4 1/2"</u>	<u>Stg 1 Sx. Cmt.</u>	<u>200 sx</u>	<u>TOC @</u>	
<u>DV Tool</u>	<u>                    </u>	<u>Stg 2 Sx. Cmt.</u>	<u>                    </u>	<u>TOC @</u>	
				<u>                    </u>	

Well History  
12/15/1972 - Spud well  
1/14/1973 - Complete well

Formation Record	Depth
B/ Fox Hills	1,340'
Sussex	
Niobrara	7,220'
Niobrara 'B'	
Niobrara 'C'	
Ft Hays	
Codell	
J-Sand	

