

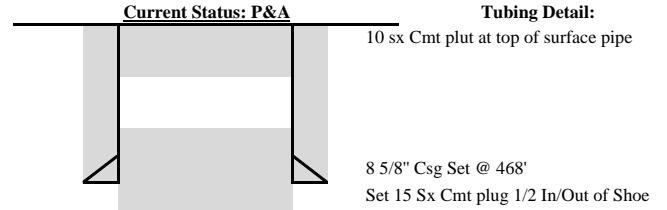
Wellbore Diagram

<u>Lease & Well No.</u>	<u>Crystal State #55-8</u>
<u>Field Name</u>	<u>Wattenberg</u>
<u>Location</u>	<u>1,320' FNL & 1,320' FWL; T3N R62W Sec 8</u>

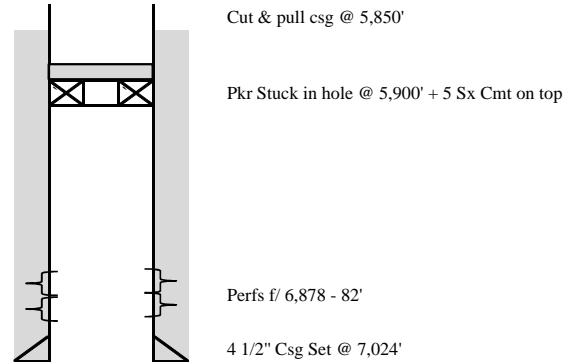
<u>Operator</u>	<u>Crystal Expl. & Prod. Co</u>
<u>County & State</u>	<u>Weld County, Colorado</u>
<u>API No.</u>	<u>05-123-09280</u>

<u>K.B. Elevation</u>	<u></u>
<u>D.F. Elevation</u>	<u></u>
<u>Ground Level</u>	<u>4,690'</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>300 sx</u>	<u>TOC @</u>	
				<u>Surface</u>	
Intermediate Casing					CBL
<u>Size (OD)</u>	<u>n/a</u>	<u>Weight</u>		<u>Depth</u>	
<u>Grade</u>		<u>Sx. Cmt.</u>		<u>TOC @</u>	
Production Casing					CBL
<u>Hole Size</u>	<u>7 7/8"</u>	<u>Weight</u>	<u>10.5#</u>	<u>Depth</u>	
<u>Csg Size</u>	<u>4 1/2"</u>	<u>Stg 1 Sx. Cmt.</u>	<u>385 sx</u>	<u>TOC @</u>	
<u>DV Tool</u>		<u>Stg 2 Sx. Cmt.</u>		<u>TOC @</u>	



Well History
08/24/77 - Spud well
09/23/77 - Complete well
09/24/80 - P&A well; Attempt to retrieve pkr; Pkr stuck @ 5,900'; Set 5 sx of cmt on top of Pkr
Cut Csg @ 5,850'; Set 15 sx cmt 1/2 in, 1/2 out of surface csg; Set 10 sx plug at surface



<u>Formation Record</u>	<u>Depth</u>	
B/ Fox Hills	446'	Est
Sussex		
Niobrara	6,179'	
Niobrara 'B'		
Niobrara 'C'		
Ft Hays		
Codell		
J-Sand		

<u>Plug Back Depth</u>	<u>6,954'</u>
<u>Total Depth</u>	<u>7,286'</u>