



## Well History

Well Name: **BJB 5**

|                                   |  |   |  |                                  |  |                              |  |                                     |  |                                 |  |              |  |
|-----------------------------------|--|---|--|----------------------------------|--|------------------------------|--|-------------------------------------|--|---------------------------------|--|--------------|--|
| API<br>05123228280000             |  | Surface Legal Location<br>NENE 1 5N 65W |  | Field Name<br>Wattenberg         |  | State<br>CO                  |  | Well Configuration Type<br>Vertical |  |                                 |  |              |  |
| Ground Elevation (ft)<br>4,635.00 |  | Original KB Elevation (ft)<br>4,649.00  |  | KB-Ground Distance (ft)<br>14.00 |  | Spud Date<br>4/13/2005 00:00 |  | Rig Release Date<br>4/16/2005 00:00 |  | On Production Date<br>5/19/2005 |  | Abandon Date |  |

|            |         |          |
|------------|---------|----------|
|            |         |          |
| Start Date | Summary | End Date |
|            |         |          |

### Wellbore Integrity, 3/1/2016 11:00

|                                     |  |                        |                      |   |
|-------------------------------------|--|------------------------|----------------------|---|
| Job Category<br>Completion/Workover | Primary Job Type<br>Wellbore Integrity | Start Date<br>3/1/2016 | End Date<br>8/4/2016 | Objective<br>SET CIBP ABOVE PERFS AHEAD OF HORIZONTAL FRACS |
|-------------------------------------|--|------------------------|----------------------|---|

### Daily Operations

|            |   |          |
|------------|---|----------|
| Start Date | Summary   | End Date |
| 3/1/2016   | MIRU ENSIGN 356. SPOT IN EQUIPMENT. HELD SAFETY MEETING. ITP 500-PSI. ICP 700-PSI. ISCP 0-PSI. RU. RU PUMP AND TANK. BLOW DOWN WELL TO FLAT TANK. CONTROL WELL W/ 30 BBLs KCL ON TBG AND 40 BBLs KCL ON CSG. ND 3K WH. CHANGE OUT TO NEW 5 K WH. NU BOPS. TAG FILL W 120'. LD TAG JTS. RU HYDROTESTER AND TOOH STANDING BACK 220 JTS 2 3/8" HYDROTESTED TO 6500# PSI. HAD 1 JT WITH HOLE. RD TESTER. SWI. SDFN. CREW TO YARD.   | 3/1/2016 |
| 3/2/2016   | CREW TO LOCATION. HELD SAFETY MEETING. ICP 0-PSI. ISCP 0-PSI. OPEN WELL. PU 3 7/8" BIT/SCRAPER AND TIH W/ 220 JTS. LOAD TBG/CSG AND ESTABLISH CIRCULATION. CIRCULATE GAS OUT OF WELL. TOOH STANDING BACK 209 JTS 2 3/8", LD 11 JTS. LD BIT/SCRAPER. RU WL. RUN IN AND SET CIBP AT 6606'. DUMP BAIL CEMENT. SWI. SDFN DUE TO HIGH WINDS. CREW TO YARD.   | 3/2/2016 |
| 3/3/2016   | CREW TO LOCATION. HELD SAFETY MEETING. ICP 0-PSI. ISCP 0-PSI. OPEN WELL. PU 3 7/8" CONE BIT, P/O BIT SUB, SN AND TIH W/ 209 JTS LAND WELL AT 6577. 20' KB,. LOAD TBG/CSG AND ESTABLISH CIRCULATION. CIRCULATE GAS OUT OF WELL. PRESSURE TEST CSG TO 2500# PSI. HOLD PRESSURE FOR 15 MINUTES AND GOT A GOOD TEST. BLEED OFF PRESSURE. ND BOPS. NU WH. SWABB 500' FROM TUBING TO DROP FLUID LEVEL. SWI. RACK UP PUMP AND TANK. RDMO. CLEAN UP LOCATION.<br><br>LANDED TBG AS FOLLOWS:<br>KB= 10.00'<br>209 JTS 2 3/8", 4.7#, J-55 8RD TBG= 6564.21'<br>SN=1.20'<br>POP OFF BIT SUB= 1.80<br>TOTAL LANDED DEPTH = 6577.20' KB<br><br>NOTE FMTD 11 JTS 2 3/8", 4.7#, J-55, 8RD TBG FROM WELL TO PDC INVENTORY/ ATP YARD | 3/3/2016 |
| 3/3/2016   | CREW TO LOCATION<br>IWP TBG- 200 PSI, CSG- 300 PSI, SURFACE CSG- 0 PSI. OPENED WELL AND WELL BLEW DOWN FLAT. R/U SWABBING TOOLS AND MADE 10 SWAB RUNS, RECOVERING 80 BBLs FLUID. FINAL SHUT IN PRESSURES WERE BLOW/ 600 PSI. SWI, RDMO, RWTP.   | 3/3/2016 |