



Well History

Well Name: Wells Ranch 43-2

API 05123231720000	Surface Legal Location NESE 2 5N 63W	Field Name Wattenberg	State CO	Well Configuration Type Vertical		
Ground Elevation (ft) 4,700.00	Original KB Elevation (ft) 4,710.00	KB-Ground Distance (ft) 10.00	Spud Date 1/31/2006 00:00	Rig Release Date	On Production Date 4/5/2006	Abandon Date

Job

Drilling - original, 1/31/2006 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 1/31/2006	End Date 2/4/2006	Objective Drill a new well
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Daily Operations

Start Date	Summary	End Date

Initial Completion, 2/13/2006 00:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 2/13/2006	End Date 2/15/2006	Objective Produce a new well
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Daily Operations

Start Date	Summary	End Date

Wellbore Integrity, 5/11/2016 11:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 5/11/2016	End Date	Objective SET RBP, INSTALL 5K WELLHEAD FOR WELLBORE INTEGRITY AHEAD OF HORIZONTAL FRAC
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Daily Operations

Start Date	Summary	End Date
5/11/2016	<p>MOVED IN ENSIGN RIG 339 AND EQUIPMENT. HELD SAFETY MEETING. FOUND SINKHOLE ON SOUTH SIDE OF WELLHEAD WHILE SPOTTING IN RIG. WAIT FOR TRUCK TO MOVE BEAM. RE-POSITIONED BEAM AND RIGGED UP RIG, PUMP AND LINES.</p> <p>ITP: 190 PSI ICP: 190 PSI ISCP: 0 PSI OPENED WELL TO RIG TANK. CONTROLLED WELL WITH 60 BBLS OF CLAYTREAT/BIOCIDE WATER. ND WELLHEAD. FUNCTION TESTED AND NU BOPS. PU 4 JNTS OF 2-3/8" TBNG (128'), RIH WITH NO TAG. LD TAG JNTS. TALLY OUT OF HOLE TO DERRICK WITH 204 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG, SN/NC. SECURED WELL. SDFD</p>	5/11/2016
5/12/2016	<p>CREW TO LOCATION. HELD SAFETY MEETING. CP: 100 PSI SCP: 0 PSI OPENED WELL TO RIG TANK. KILLED WELL WITH 15 BBLS CLAYTREAT/BIOCIDE WATER. MIRU PICK TESTERS. TESTED IN HOLE TO 6000 PSI WITH STS 3-7/8" BIT, 4.5" CASING SCRAPER AND 203 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG. ALL TBNG TESTED GOOD. POOH W/TBNG, LD BIT AND SCRAPER. PU STS 4.5" WLTC RBP AND RIH WITH 195 JNTS. SET RBP AT 6322.41' KB. LD 1 JNT. ROLLED HOLE CLEAN. TESTED CASING AND RBP TO 2000 PSI WITH RIG PUMP. HELD GOOD. BLEED OFF PRESSURE. LD 3 JNTS. SPOTTED 2 SKS OF SAND ON TOP OF RBP. LD 5 JNTS. ND BOPS. STRIPPED OFF 3K WELLHEAD AND STRIPPED ON 5K WELLHEAD. LAND TBNG AT 6034.41' KB. NU 5K TOP FLANGE AND NEW ORBIT VALVE. SECURED WELL. RDMO</p> <p>11.00' KB 6019.31' 186 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG 1.10' SEAT NIPPLE 3.00' RETRIEVING HEAD 6034.41' KB</p> <p>1 BAD JNT AND 17 GOOD JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG FMT'D TO PDC INVENTORY IN ATP YARD</p>	5/12/2016