



## Well History

Well Name: MDM 34-14

API 05123213310000		Surface Legal Location SWSE 14 2N 68W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,891.00		Original KB Elevation (ft) 4,903.00		KB-Ground Distance (ft) 12.00		Spud Date 5/23/2003 00:00		Rig Release Date 5/29/2003 00:00		On Production Date 6/11/2003		Abandon Date	

### Wellbore Integrity, 4/28/2016 12:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 4/28/2016	End Date	Objective SET CIBP AND TEST CASING AHEAD OF HORIZONTAL FRAC
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### Daily Operations

Start Date	Summary	End Date
4/28/2016	MIRU BAYOU RIG 3. HELD SAFETY MEETING. RIGGED UP PUMP AND LINES. ITP: 470 PSI ICP: 475 PSI ISCP: 0 BLEW WELL DOWN TO RIG TANK. KILLED WELL WITH 60 BBLs OF CLAYTREAT/BIOCIDAL WATER. ND WELLHEAD. FUNCTION TESTED AND NU BOPS. PU 2 JNTS OF 2-3/8" TBNG AND TAGGED FILL AT 7942' W/52'. LD TAG JNTS. TALLY OUT OF HOLE TO DERRICK WITH 6' SUB AND 150 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG. LEFT 90 JNTS IN HOLE FOR KILL STRING. SECURED WELL. SDFD	4/28/2016
4/29/2016	CREW TO LOCATION. TP: 100 PSI CP: 100 PSI SCP: 0 PSI HELD SAFETY MEETING. OPENED WELL TO RIG TANK. CONTROLLED WELL WITH 20 BBLs OF CLAYTREAT/BIOCIDAL WATER. CONTINUED TO TALLY OUT OF HOLE TO DERRICK WITH REMAINING TBNG. TOTAL OF 240 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG, SN/NC. MIRU PICK TESTERS. PU STS 3-7/8" BLADE BIT, 4.5" CASING SCRAPER AND TESTED IN HOLE TO 6000 PSI WITH 240 JNT. FOUND 1 BAD JNT. RDMO TESTER. LD TOTAL OF 30 JNTS. STAND BACK 210 JNTS. MIRU Cased Hole Wireline. RIH WITH OWEN 4.5" 10K CIBP. CORRELATED WITH LOGS, GOT ON DEPTH AND SET CIBP AT 7110' KB. (50' ABOVE NIOBRARA TOP) POOH. RIH WITH DUMP BAILER AND SPOTTED 2 SKS OF CLASS G CEMENT ON TOP OF CIBP. POOH. RDMO WIRELINE. PU STS 3-7/8" CONE BIT, PUMP OFF BIT SUB WITH FLOAT AND RIH WITH 210 JNTS. SECURED WELL. SDFD	4/29/2016
5/2/2016	CREW TO LOCATION. 0 PRESSURE. ND BOPS. LAND TBNG AT 6894.21' KB w/ 210 jnts. NU 5K TOP FLANGE. LOAD HOLE AND ROLL CLEAN. TESTED CIBP, CASING AND WELLHEAD TO 2000 PSI. HELD GOOD. BLED OFF PRESSURE. BROACHED TBNG TO SN. MADE 1 SWAB RUN FROM 1000'. SECURED WELL. RDMO	5/2/2016
9/12/2016	NO PRESSURES, WELL WAS SHUT IN, MIRU BAYOU RIG 22, FUNCTION TESTED BOP, OPENED THE WELL, ND 5K TOP FLANGE AND MASTER VALVE, NU BOP, PU, PRESSURE TESTED BOP AND LINES UP TO 2500 PSI, NO LEAKS, DROPPED 2" STANDING VALVE DOWN TBG, PRESSURE TESTED TBG UP TO 3000 PSI, HELD GOOD FOR 15 MINUTES, FISHED OUT STANDING VALVE WITH SAND LINE, POOH WITH PRODUCTION PIPE, LD PO BIT AND BIT SUB, PU A 3 7/8 BURN SHOE, RIH WITH PRODUCTION PIPE, TAGGED CEMENT AT 7085.02 WITH 217 JTS, PU STS'S POWER SWIVEL, DRILLED OUT CEMENT DOWN TO THE PLUG AT 7106 WITH 218 JTS, STARTED DRILLING OUT THE PLUG, PLUG DROPPED AND LOST CIRCULATION, CHASED PLUG DOWN TO 7915.05 WITH 243 JTS, COULDN'T CLEAN OUT TO PLUG BACK BECAUSE WE DIDN'T GET CIRCULATION, LD 1 JT, PULLED OUT 242 JTS TO THE DERRICK, LD BURN SHOE, SI AND SECURE WELL FOR THE NIGHT, SD.	9/12/2016
9/13/2016	NO PRESSURES, OPENED THE WELL, PU 2 3/8 NC/SN, RIH WITH 2 3/8 PRODUCTION PIPE, LANDED TBG AT 7894.90 KB WITH 242 JTS OF 2 3/8 J-55 4.7 AND NC/SN (11.10' ABOVE THE J-SAND PERFS), ND BOP, INSTALLED 5K TOP FLANGE AND MASTER VALVE, RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE, LD BROACH, PU 2" SWAB CUPS, STARTED SWABBING, IFL AT 5000', MADE 9 SWAB RUNS, RECOVERED 24 BBL OF WATER, FFL AT 5800', LD SWAB LUBRICATOR, CLOSE WELL, FINAL PRESSURES, TBG STRONG BLOW, CSG 40 PSI, RACK PUMP AND TANK, RDMOL.  TUBING DETAILS KB 10.00 242JTS 2 3/8 J-55 4.7 7883.30 NC/SN 1.60 TOTAL 7894.90	9/13/2016