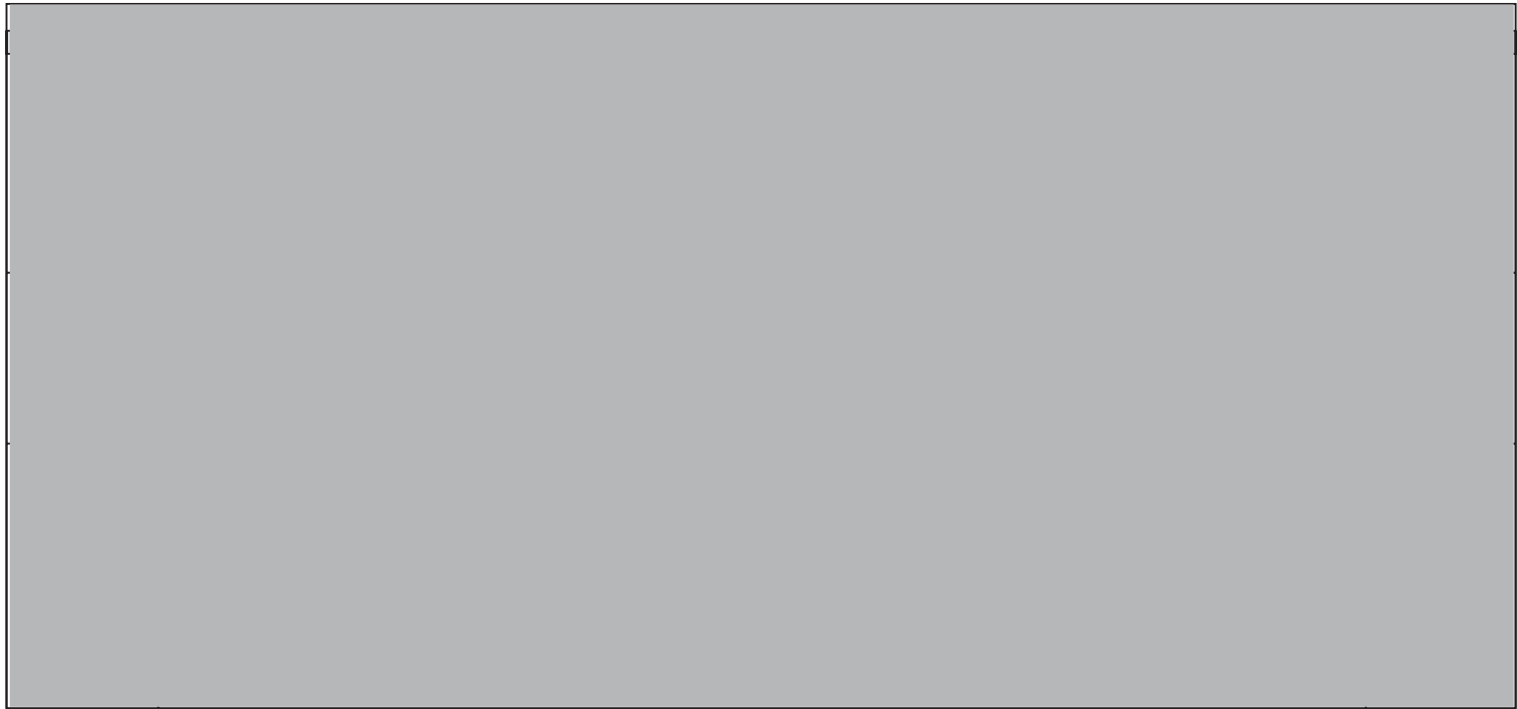




Well History

Well Name: Brown 22-20

API 05123252080000		Surface Legal Location SENW 20 4N 67W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,890.00		Original KB Elevation (ft) 4,900.00		KB-Ground Distance (ft) 10.00		Spud Date 6/14/2007 00:00		Rig Release Date 6/20/2007 00:00		On Production Date 7/24/2007		Abandon Date	



Wellbore Integrity, 7/7/2016 06:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 7/7/2016	End Date 9/30/2016	Objective SET PLUG ABOVE PERFS AHEAD OF HORIZONTAL FRACS
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Daily Operations

Start Date	Summary	End Date
7/7/2016	MIRU ENSIGN 339. SPOT IN EQUIPMENT. HELD SAFETY MEETING AND FUNCTION TEST BOPS. ITP 900-PSI. ICP 900-PSI. ISCP 0-PSI. BLOW DOWN WELL TO FLAT TANK. CONTROL WELL W/ 30 BBLs ON TBG AND 40 BBLs ON CSG. ND WH. NU BOPS. TAG FILL. LD TAG JTS. TOOH STANDING BACK 234 JTS 2 3/8". LD SNNC. WELL WAS LANDED AT 7254.16' KB. PU TIH W/ 3 7/8" BIT/SCRAPER W/ 234 JTS. DROP STANDING VALVE. LOAD TBG AND PRESSURE TEST TBG TO 3000# PSI. HAD A TUBIG LEAK. FISH OUT STANDING VALVE. TOOH STANDING BACK 223 JTS 2 3/8" AND LD 11 JTS, LD BIT/SCRAPER. SWI. SDFN. CREW TO YARD.	7/8/2016
7/8/2016	CREW ON LOCATION. HELD SAFETY MEETING. ITP 100-PSI. ICP 100-PSI. ISCP 0-PSI. BLOW DOWN WELL TO FLAT TANK. RU HYDROTESTER. PU 4 1/2" RBP AND TIH W/ 223 JTS, HYDROTESTING TBG TO 6500# PSI, HAD 2 BAD JTS. RD TESTER. SET RBP AT 6908.54'. J-OFF OF RBP, LD 1 JT. CIRCULATE GAS OUT OF WELL. PRESSURE TEST CSG TO 3000# PSI. HOLD GOOD TEST FOR 15 MINUTES. BLEED OFF PRESSURE. LD 4 MORE JTS, SPOT 2SX OF SAND AND CHASE WITH 15 BBLs OF FLUID. LD 5 MORE JTS., HANG WELL W/ 213 JTS AT 6606.65' KB. ND BOPS. NU WH. SWABB DOWN TO 500', RACK UP PUMP AND TANK. RDMO. CLEAN UP LOCATION. MOVE EQUIPMENT TO NEXT LOCATION. TUBING LANDED AS FOLLOW: KB= 10.00' 213 JTS 2 3/8", 4.7#, j-55, 8RD TBG= 6592.45' SN= 1.20' RETRIEVING HEAD= 3.00 TOTAL LANDED DEPTH = 6606.65' KB FTMT 21 JTS FROM WELL TO PDC INVENTORY/ATP YARD	7/8/2016