



Well History

Well Name: Ivan Klein 13-20

API 05123217750000		Surface Legal Location NWSW 20 5N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical	
Ground Elevation (ft) 4,623.00	Original KB Elevation (ft) 4,633.00	KB-Ground Distance (ft) 10.00	Spud Date 4/18/2004 00:00	Rig Release Date	On Production Date	Abandon Date			

Daily Operations

Start Date	Summary	End Date
Empty operations table content		

Wellbore Integrity, 11/28/2016 06:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 11/28/2016	End Date	Objective SET CIBP AHEAD OF FRAC
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Daily Operations

Start Date	Summary	End Date
11/28/2016	MIRU ENSIGN 320. TP=300, CP=280, SCP=0. CONTROLLED WELL W/ 80 BBL CLAYTREAT/BIO WATER. NDWH. CHANGED OUT WH TO 5M FLANGED WH. FUNCTION TEST BOP. NUBOP. TOO & TALLY 211 JT 2 3/8" 4.7# J-55 8RD TBG, SN, NC (6920'). TIH W/ STS 3 7/8" BIT, CSG SCRAPER, 211 JT TBG. HYDROTESTED TBG TO 6000 PSI. NO BAD TBG. TOO & SB 192 JT TBG. LD 19 JT TBG, BIT & SCRAPER. SDFN	11/28/2016
11/29/2016	CP=30, SCP=0. RU CASSED HOLE. SET STS 4 1/2" 10M CIBP AT 6490. DUMPBAILED 2 SX CEMENT ON CIBP. TIH W/ STS RETREIVING HEAD, SN, 192 JT 2 3/8" 4.7# J-55 8RD TBG. LANDED TBG AT 6194.96 KB. CIRC GAS FROM WELL. TEST CSG TO 2500 PSI. HELD GOOD. NDBOP. NUWH TEST WH TO 2500 PSI. HELD GOOD. SWABBED TO 500'. RDMO	11/29/2016