



Well History

Well Name: **Mininger Pfeif 41-5**

API 05123195070000		Surface Legal Location NENE 5 5N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical	
Ground Elevation (ft) 4,630.00	Original KB Elevation (ft) 4,640.00	KB-Ground Distance (ft) 10.00	Spud Date 1/9/1998 00:00	Rig Release Date 1/13/1998 00:00	On Production Date 1/29/1998	Abandon Date			

Job

Drilling - original, 1/9/1998 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 1/9/1998	End Date 1/13/1998	Objective
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Daily Operations

Start Date	Summary	End Date

Initial Completion, 1/10/1998 00:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 1/10/1998	End Date 1/29/1998	Objective
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Daily Operations

Start Date	Summary	End Date

Perforating, 2/20/2004 00:00

Job Category Completion/Workover	Primary Job Type Perforating	Start Date 2/20/2004	End Date 3/4/2004	Objective
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Daily Operations

Start Date	Summary	End Date
3/4/2002	MIRU completion rig. Hot oil tubing & kill well. NU BOPs & tag sand fill 37' below landing depth. TOOHS with tubing. Found SV and plunger sanded in with 6' of sand above. Clean up tubing & equipment. RIH with 1 1/2" tubing, ran 208 jts & SIWFN.	
3/5/2002	Circulate & clean out to 7130'. Pull tubing up hole and land with 211 jts @ 6837 KB. RDMO completion rig.	
3/7/2002	MIRU swab rig. Gauged well pressures, vacuum on casing & tubing. Swab well. IFL 4800. LR 25. FCP 185 with blow on tubing. SIWFN.	
2/20/2004	MIRU Nuex Wireline. Perf Codell 6,864', 6,866', 6,868', 6,870', 6,872', 6,874' with 2 1/8" Scallop Gun 2 spf 6.5 gram charges (12 holes). Perf Niobrara 6,681', 6,693', 6,694', 6,696', 6,698', 6,699' with 2 1/8" Scallop Gun 1 spf 6.5 gram charges (6 holes). RDMO. Install 4 1/2" frac valve.	
2/25/2004	MIRU BJ Services. Performed a Limited Entry Codell/Niobrara stimulation using 3565 bbls of Vistar 24# fluid system, 334740 lbs of 20/40 white sand and 16000 lbs of Super LC 20/40 resin coated proppant. Niobrara perfs @ 6689-6699 (6 Shots) & Codell perfs @ 6864-6874 (12 Shots). Breakdown at 2917 psi @ 4 bpm, Ballout with 36 bio-ball sealers and 500 gallons of 7 1/2% HCl acid, shut down, allowed balls to drop for approximately 15 minutes and proceeded remainder of treatment. Pumped 1 - 4 ppg stages of 20/40 white sand, 4 ppg Super LC proppant, flush well to top Niobrara perforation (58.3 bbls), shut down, record ISDP, RD BJ Services, turn well on to flowback. MTP = 4798 psi, ATR 4648 psi, AIR = 24.5 bpm. Average fluid temperature = 78.5°F. Operationally treatment went well.	

<jobtyp>, <dtmstart>

Job Category	Primary Job Type	Start Date	End Date	Objective

Daily Operations

Start Date	Summary	End Date

Abandon Well, <dtmstart>

Job Category Abandon	Primary Job Type Abandon Well	Start Date	End Date	Objective

Daily Operations

Start Date	Summary	End Date