



## Well History

Well Name: Uhrich 44-8

API 05123144180000		Surface Legal Location SESE 8 6N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical			
Ground Elevation (ft) 4,801.00		Original KB Elevation (ft) 4,813.00		KB-Ground Distance (ft) 12.00		Spud Date 10/29/1989 00:00		Rig Release Date On Production Date 11/8/1989		Abandon Date	

### Job

#### Drilling - original, 10/29/1989 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 10/29/1989	End Date 11/2/1989	Objective Drill a New Codell Well
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#### Daily Operations

Start Date	Summary	End Date

#### Initial Completion, 11/3/1989 00:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 11/3/1989	End Date 11/7/1989	Objective Complete a New Codell Well
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#### Daily Operations

Start Date	Summary	End Date

#### Sand Frac, 11/8/1989 00:00

Job Category Sand Frac	Primary Job Type Sand Frac	Start Date 11/8/1989	End Date 11/8/1989	Objective
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#### Daily Operations

Start Date	Summary	End Date

#### Swab, 1/31/2003 00:00

Job Category Completion/Workover	Primary Job Type Swab	Start Date 1/31/2003	End Date 2/1/2003	Objective
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#### Daily Operations

Start Date	Summary	End Date
1/31/2003	MIRU swab rig. Gauged well pressures, 300/650. By-pass sep., blow down well. Unload 7 bbls. Let well die down. RIH w/plunger fishing tool. Fish & rec. plunger. FP 60/160. SI well.	
2/1/2003	Gauged well pressures, 270/470. Blow down well, all gas. Broach tbg w/broach. No tight spots indicated. Swab well. FL scat. Rec. 2 bbls fluid. Drop plunger. FP 60/190. SI well. RDMO.	

#### Wireline, 6/24/2004 00:00

Job Category Other	Primary Job Type Wireline	Start Date 6/24/2004	End Date 6/24/2004	Objective
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#### Daily Operations

Start Date	Summary	End Date
6/24/2004	Wireline Cable: MIRU. Fish plunger @ 6,958'. Fish bumper spring @ 6,959'. Tag sand @ 6,963'.	

#### Workover, 10/11/2004 00:00

Job Category Completion/Workover	Primary Job Type Workover	Start Date 10/11/2004	End Date 10/18/2004	Objective
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#### Daily Operations

Start Date	Summary	End Date
10/11/2004	MIRU L&L Well Servicing. Pumper reported that tubing perhaps had a sand bridge. Connected pump to the tubing and annulus and pumped down the annulus with 70bbls. 2% KCL water. Switched pump to go down the tubing. Well circulated oil and gas. Apparently the tubing was not bridged. NU B.O.P. picked up on tubing. Lowered tubing 60'. Hit sand plug below Codell. Drilled 60' of 'rat' hole. Circulated well clean from sand. TOH with 14jts. of tubing. Tubing got 'hung-up' and was stuck. Worked the pipe free. Circulated down the tubing. Circulated bottoms up. Continued to pull pipe. Got hung-up again. Removed tubing slips and saw a tong die sitting along side of casing and tubing. Took off surface nipple and valve. Reached inside of wellhead and removed tong die. Tong die was from previous well servicing company. Pulled 76jts. SDFN.	
10/12/2004	Continued to pull pipe. Well had 227jts. of 2 3/8 tubing and seating nipple. Total landed depth was 6976'. RU Nuex wireline to perforate the Codell @ 7025'-7035'. We shot a 23 gram charge, .42 hole with 20.45 penetration. Wireline tagged bottom at 7061'. TIH with 220jts. (6700') of tubing, casing scraper and 3 5/8 blade bit. Hot watered tubing due to paraffin build up from sitting for so long. TOH laying down production string. SDFN	
10/13/2004	RU H-S Hydrotesting. Pressure tested 4 1/2 15.10 RMOT Arrowset 1 casing packer to 8000#psi. Set packer with 4jts. 2 3/8 N-80 tubing and 209jts. 2 7/8 N-80 9(6610'). ND B.O.P. NU 5000# wellhead. Pressure tested the annulus to 1100psi. for 5 minutes. Held, SDFN.	
10/14/2004	Hook up Mud pump to Load tubing annulus and maintain approx. 350 PSI Annular pressure on Codell Re-frac. Codell Re-frac: MIRU BJ Services. Performed a Codell Re-frac stimulation using 2,609 bbls of Vistar 24# fluid system, 217,540 lbs of 20/40 white sand and 8,000 lbs of Super LC 20/40 resin coated proppant. Codell perfs @ 7025-7035 (30 New Shots). Breakdown at 3,799 psi @ 4.5 bpm. Pumped 1 - 4 ppg stages of 20/40 white sand, 4 ppg Super LC proppant, flush well to 0.5 bbl short of top Codell perforation (43.4 bbls), shut down, record ISDP = 4,023 psi. RD BJ Services, turn well on to flow back at 3,300 psi at 12:45 PM. MTP = 5,309 psi, ATP 4,579 psi, AIR = 14.0 bpm. Pumped treatment via 2 7/8" tubing. Packer set at 6611' KB (100 feet above Niobrara). 4 1/2" 15.1# casing. Complete frac & install flow line to tank. Open well at 12:45PM at 3,300 PSI.	
10/15/2004	Open up choke to kill well. ND wellhead installed B.O.P. Released packer TOH with frac string. PU production string hydrotested tubing to 6000#psi. Tripped in with 60 jts. SDFN.	
10/16/2004	Finished tripping in hole with production string. Landed well with 220 jts. of 2 3/8 tubing. Depth 7003KB. Broached well, swabbed back 48bbls. SDFN.	
10/18/2004	Well has 320/1320. RD move to the Silva #1	