



## Well History

Well Name: Witwer 34-6D

API 05123207560000		Surface Legal Location NESE 6 5N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,610.00		Original KB Elevation (ft) 4,622.00		KB-Ground Distance (ft) 12.00		Spud Date 1/30/2002 00:00		Rig Release Date 2/13/2002 00:00		On Production Date 4/3/2002		Abandon Date	

### Daily Operations

Start Date	Summary	End Date
8/6/2014	<p>MIRU Bayou Rig 4</p> <p>lwp Tbg- 200 psi, Csg- 250 psi, Surface Csg- 0 psi. Held safety meeting and function tested BOPS. Opened well to flat tank and controlled w/ 2% kcl. N/D well head tree and N/U bops. Unlanded tbg and Tally out to derrick 213 jts 2 3/8" 4.70# j-55 8 rd tbg and L/D (2) 6' subs. P/U new sn/nc. R/U Pick testing and tested in out of derrick 213 jts 2 3/8" tbg and (1) 6' pup jt tbg to 6500 psi. Found 2 bad jts tbg and replaced w/ tag joints. R/D Pick testing. P/U and RIH 4 tag jts tbg and did not tag @ 120' below EOT ( 7212' kb) leaving 100' + rat hole. No C/O necessary. POOH L/D tag jts. N/D bops and landed tbg as follows:</p> <p>213 jts 2 3/8" 4.70# j-55 8 rd tbg= 7074.04 1- pup jt = 6' 1- 2 3/8" sn/nc kb- 10' Total landed depth= 7091.24' kb ( 10' above top nio perfs). N/U new 2 3/8" array master valve and 3k backside valves. SWI,SDFD,Crew to the yard.</p>	8/6/2014
8/6/2014	<p>No pressures @ the well head. Held safety meeting. RU 1.901" broach, lubricator and pack off to master valve. RIH w/broach and broached to seat nipple. POOH and LD broach. PU swab cups. RIH and made 3 swab runs. RD swab equipment. RDMOL</p> <p>IFL=4,000' IP=0 FFL=4,300' FP=0/blowing Recovered 12 bbls.</p>	8/7/2014

### Wellbore Integrity, 2/3/2017 06:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 2/3/2017	End Date 2/7/2017	Objective WBI
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### Daily Operations

Start Date	Summary	End Date
2/3/2017	<p>STP 200 PSI SCP 200 PSI SSP 200 PSI. CREW TRAVEL TO LOCATION, MRI. RU RIG, HOOK UP PUMP AND TANK. BLOW WELL DOWN AND PUMP 50 BBLS OF CLAYTREAT/BIOCIDE WATER. NDWH. NUBOP. PU 4 TAG JTS AND NO TAG @7201.73 W/217 JTS OF 2 3/8 4.7# J-55 EUE TUBING. LD TAG JTS. TOOH TALLYING. WELL WAS LANDED W/213 JTS @7086.93 KB. SWI. DRAIN PUMP AND LINES. SDFN.</p>	2/3/2017
2/6/2017	<p>SCP 0 PSI SSP 60 PSI. CREW TRAVEL TO LOC. HOLD SAFETY MEETING. PU STS 4 1/2 11.6# CASING SCRAPER. RU PICK TESTING. TIH TESTING TO 6000 PSI. FOUND NO HOLES. RD TESTER. TOOH. LD CASING SCRAPER. RU KLX WIRELINE AND SET CIBP @7040. PU DUMP BAILER AND SPOT 2 SACS CEMENT ON PLUG. RD WIRELINE. PU STS PUMP-OFF BIT SUB W/FLOAT AND 3 7/8 CONE BIT. TIH W/180 JTS. SWI. DRAIN PUMP AND LINES. SDFN</p>	2/6/2017
2/7/2017	<p>STP 0 PSI SCP 0PSI SSP 60 PSI. CREW TRAVEL TO LOC. HOLD SAFETY MEETING. FINISH TIH W/210 JTS. ROLL GAS OUT OF HOLE. PRESSURE TEST TO 2000 PSI AND HELD 15 MIN AND HAD A GOOD TEST.LD 8 MORE JTS (10 TOTAL). MAKE BROACH RUN TO SN. NDBOP. NUWH. WELL LANDED W/203 JTS @6756.89 KB AND TOOLS. SWI. RD. MOVE OFF FINAL REPORT.</p> <p>203 JTS 6753.09 KB SN 1.20 PUMP-OFF SUB 2.60 TOTAL 6756.89</p> <p>NOTE: NEED 9 JTD TO TAG PLUG</p>	2/7/2017

### WBI - Return to Production, 9/13/2017 06:00

Job Category Completion/Workover	Primary Job Type WBI - Return to Production	Start Date 9/13/2017	End Date 9/14/2017	Objective DRILL OUT PLUG, CHASE IT TO BOTTOM, LAND WELL, SWAB IF NEEDED, RDMOL.
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### Daily Operations

Start Date	Summary	End Date												
9/13/2017	<p>NO PRESSURES, WELL WAS SHUT IN, MIRU RANGER RIG 03, OPENED WELL, FUNCTION TESTED BOP, ND PRODUCTION TREE AND TOP FLANGE, NU BOP, PICKED UP 10 JTS OF 2 3/8 J-55 FROM THE GROUND, RU CIRCULATING EQUIPMENT, PRESSURE TESTED BOP AND LINES UP TO 2500 PSI, NO LEAKS, PICKED UP STS'S POWER SWIVEL, TAGGED CEMENT AT 7032' WITH 213 JTS, DRILLED OUT CEMENT DOWN TO THE PLUG AT 7044' WITH 213 JTS, DRILLED OUT THE PLUG, PICKED UP 7 MORE JTS, CHASED PLUG DOWN TO 7269' WITH 220 JTS, CIRCULATED THE HOLE CLEAN PUMPING DOWN TBG, LD 7 JTS, RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE, ND BOP, INSTALLED 5K TOP FLANGE, MIRU PICK TESTERS, TORQUE AND TEST WELL HEAD, LANDED TUBING AT 7086.27' KB WITH 213 JTS, 1-8', 1-6' SUBS AND SEAT NIPPLE (15.73' ABOVE THE CODELL PERFS), RU CIRCULATING EQUIPMENT, PUMPED OFF BIT AND BIT SUB PUMPING 3900 PSI, TBG WENT ON VACUUM, CLOSED WELL, SHUT DOWN.</p> <p>TUBING DETAILS</p> <table><tr><td>KB</td><td>10.00</td></tr><tr><td>SUB 2 3/8 J-55 4.7</td><td>8.00</td></tr><tr><td>SUB 2 3/8 J-55 4.7</td><td>6.00</td></tr><tr><td>213 JTS 2 3/8 J-55 4.7</td><td>7060.67</td></tr><tr><td>SEAT NIPPLE</td><td>1.60</td></tr><tr><td>TOTAL</td><td>7086.27</td></tr></table>	KB	10.00	SUB 2 3/8 J-55 4.7	8.00	SUB 2 3/8 J-55 4.7	6.00	213 JTS 2 3/8 J-55 4.7	7060.67	SEAT NIPPLE	1.60	TOTAL	7086.27	9/13/2017
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SEAT NIPPLE	1.60													
TOTAL	7086.27													
9/14/2017	<p>ITP 200 PSI, ICP 500 PSI, ISCP 0 PSI, BLEW DOWN TUBING TO WORK TANK, IT DIDN'T FLOW, RU SWAB LUBRICATOR, PU 2" SWAB CUPS, STARTED SWABBING, IF AT 200', MADE 6 SWAB RUNS AND GOT WELL FLOWING, LET IT FLOW TO WORK TANK FOR 1.5 HOURS, RECOVERED 100 BBL OF WATER, CLOSE WELL, RIG DOWN SWAB LUBRICATOR, RACK PUMP AND TANK, RDMOL.</p> <p>FINAL REPORT.</p>	9/14/2017												

### Swab, 7/20/2018 11:00

Job Category LOE	Primary Job Type Swab	Start Date 7/20/2018	End Date 9/21/2018	Objective SWAB
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### Daily Operations

Start Date	Summary	End Date
7/20/2018	<p>ITP0/FTP450 IFL3500 ICP1000/FCP625 FFL2500 3RUNS/15BBLs 100% WATER</p>	7/20/2018
7/23/2018	<p>ITP800/FTP100 IFL4000 ICP800/FCP240 FFL5900 3RUNS/15BBLs 1 OIL SWABBED/ 11 WATER 3 WATER</p>	7/23/2018
7/25/2018	<p>ITP750/FTP500 IFL300 ICP900/FCP550 FFL2200 3RUNS/13BBLs 3 OIL/10WATER</p>	7/25/2018
7/30/2018	<p>ITP480/FTP540 IFL3600 ICP960/FCP560 FFL2800 4RUNS/15BBLs 8 OIL SWABBED/7 WATER</p>	7/30/2018
8/6/2018	<p>ITP825/FTP400 IFL2000 ICP825/FCP575 FFL1500 3RUNS/15BBLs 2 OIL SWABBED/11 WATER 1 OIL FLOWED/1 WATER</p>	8/6/2018
8/20/2018	<p>ITP0/FTP550 IFL3000 ICP1050/FCP650 FFL2000 3RUNS/13BBLs 10 OIL SWABBED 3 WATER</p>	8/20/2018
9/21/2018	<p>ITP150/FTP550 IFL3600 ICP1000/FCP620 FFL1300 4RUNS/15BBLs 8 OIL/7 WATER</p>	9/21/2018

### Swab, 12/20/2018 14:00

Job Category LOE	Primary Job Type Swab	Start Date 12/20/2018	End Date 12/20/2018	Objective SWAB
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## Well History

Well Name: Witwer 34-6D

API 05123207560000		Surface Legal Location NESE 6 5N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,610.00		Original KB Elevation (ft) 4,622.00		KB-Ground Distance (ft) 12.00		Spud Date 1/30/2002 00:00		Rig Release Date 2/13/2002 00:00		On Production Date 4/3/2002		Abandon Date	

### Daily Operations

Start Date	Summary	End Date
12/20/2018	ITP50/FTP400 IFL2500 ICP950/FCP500 FFL2500 1RUN/12BBLS 2 OIL SWABBED/2 WATER 1 OIL FLOWED/7 WATER	12/20/2018

### Abandon Well LOE, <dtmstart>

Job Category Abandon	Primary Job Type Abandon Well LOE	Start Date	End Date	Objective
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### Daily Operations

Start Date	Summary	End Date