



## Well History

**Well Name: Wells Ranch 13-2**

API 05123231730000		Surface Legal Location NWSW 2 5N 63W		Field Name Wattenberg		State CO		Well Configuration Type Vertical	
Ground Elevation (ft) 4,710.00	Original KB Elevation (ft) 4,720.00	KB-Ground Distance (ft) 10.00	Spud Date 12/17/2005 00:00	Rig Release Date 12/22/2005 00:00	On Production Date 2/1/2006	Abandon Date 12/17/2019			

Daily Operations		
Start Date	Summary	End Date
4/17/2019	ITP180/FTP490 ICP820/FCP500 IFL1200/FFL1200 12 BBLS 10 OIL/2 WATER	4/17/2019
5/2/2019	ITP280/FTP500 ICP820/FCP580 IFL2000/FFL1000 2RUNS/12BBLS 12 OIL	5/2/2019

<b>Wireline, 10/21/2019 18:30</b>					
Job Category Other	Primary Job Type Wireline	Start Date 10/21/2019	End Date 10/21/2019	Objective FISH ALL	

Daily Operations		
Start Date	Summary	End Date
10/21/2019	RU RIH w/2" JUC fished pad plunger @ 3953 RIH w/2" JUC fished Twng @ 3954 RIH w/2" JUC fished 2 stage @ 3956 RIH w/2" JUC fished sliding pad plunger @ 6622 RIH w/2" JUC fished seated standing valve @ 6623 RD	10/22/2019

<b>WBI - Abandon Well Other Operator, 12/13/2019 15:00</b>					
Job Category Abandon	Primary Job Type WBI - Abandon Well Other Operator	Start Date 12/13/2019	End Date 12/17/2019	Objective PLUG AND ABANDONMENT	

Daily Operations		
Start Date	Summary	End Date
12/13/2019	IWP TBG- 900 PSI, CSG- 900 PSI, SURFACE CSG- 0 PSI  MIRU RANGER RIG 5534. SDFN	12/14/2019
12/16/2019	IWP TBG- 900 PSI, CSG- 900 PSI, SURFACE CSG- 0 PSI  HELD SAFETY MEETING AND FUNCTION TESTED BOPS. OPENED WELL TO FLAT TANK TO BLOW DOWN. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION ROLLED HOLE CLEAN. R/D WELL HEAD TREE AND N/U BOPS. UNLANDED TBG AND STAND BACK TO DERRICK 52 JTS 26 STANDS TBG AND L/D 151 JTS TBG TO TUBING FLOAT. TOTAL TBG IN THE HOLE WAS 203 JTS 2 3/8" 4.70# J-55 8RD TBG. R/U RANGER WIRELINE SERVICES. P/U RIH W/ JUNK BASKET'. POOH L/D JUNK BASKET. P/U RIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET CIBP @ 6590' ( 50' ABOVE NIO PERFS). DUMB BAILED 2 SACKS OF CEMENT ON TOP OF CIBP.POOH. PRESSURED UP CSG TO 1000 PSI W/ RIG PUMP FOR 15 MINUTES, PRESSURE HELD TIGHT. BLED OFF PRESSURE TIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET CIBP #2 @ 6320, TOO.H.TRIP WIRELINE IN HOLE TO 2,800' TOC, RUN CBL TO SURFACE LOG LOOKED GOOD. TRIP WIRELINE IN HOLE W/ JET CUTTER CUT CASING @ 1650', TOO.H.RDMO RANGER WIRELINE. BREAK CIRCULATION PUMPING DOWN CASING AND OUT SURFACE. ROLL HOLE CLEAN TO MUD TANK. SECURE WELL WINTERIZE ALL EQUIPMENT SDFN. CREW TO YARD	12/16/2019
12/17/2019	IWP- TBG- 0 PSI, CSG- 0 PSI, SURFACE CSG- 0 PSI HELD SAFETY MEETING. WELL WAS DEAD UPON ARRIVAL, RD BOP RU 4 1/2' SUB PULL 67K UNLAND. NIPPLE UP BOP. SWAP BLIND RAMS AND CHANGE OUT ALL EQUIPMENT TO 4.5". PULL 39 JTS 4.5" 10.5# J-55 CASING, CONVERT BACK TO 2 3/8" TIH TO1724' W/ 53 JTS 2 3/8" 4.7# J-55 8 RD TBG. BREAK CIRCULATION AND CONDITION HOLE UNTIL CEMENTERS ARRIVED. MIRU NEXTIER CEMENTERS, HELD JSA MEETING W/ ALL ON LOCATION. PRIME UP PRESSURE TEST TO 1,500 PSI. BREAK CIRCULATION W/ 5BBS FRESH WATER, MIXED AND PUMPED STUB PLUG FROM 1724'- 1350' W/ 128 SACKS (30.3 BBS) OF 14.8 TYPE III CEMENT. HAD GOOD CIRCULATION THROUGHOUT JOB @ 2BPM, DISPLACED 5.2 BBS TO BALANCE PLUG. L/D 34 JTS TUBING WITH 19 JTS IN HOLE MIX AND PUMPED SURFACE PLUG FROM 618' TO SURFACE W/ GOOD CIRCULATION THROUGHOUT @ 2 BPM RETURNED 2 BBS OF CEMENT TO TANK. TOTAL CEMENT FOR SURFACE PLUG WAS 218 SACKS (51.5 BBS) OF 14.8 PPG TYPE III CEMENT.TRIPPED OUT TOPPED OFF W/9.3 SACKS (2.2 BBS). N/D BOP RDMO LOCATION. DUG UP WELL. CUT AND CAPPED WELL 10' BELOW GROUND LEVEL, WELDED ON MARKER PLATE. BURIED WELL AND TURNED OVER TO THE CONSTRUCTION DEPT TO ABANDON FLOWLINE.  THIS IS THE FINAL REPORT  NOTE- THERE WAS 39 JTS 4 1/2" 10.5# J-55 CASING AND, 203 JTS 2 3/8 4.7# J-55 SOLD TO KARST.	12/17/2019