



## Well History

**Well Name: Zahourek 22-31**

API 05123272880000		Surface Legal Location SENW 31 7N 63W		Field Name Wattenberg		State CO		Well Configuration Type Vertical	
Ground Elevation (ft) 4,760.00	Original KB Elevation (ft) 4,771.00	KB-Ground Distance (ft) 11.00	Spud Date 10/1/2006 00:00	Rig Release Date 10/5/2006 00:00	On Production Date 12/14/2006	Abandon Date 1/15/2020			

### Daily Operations

Start Date	Summary	End Date
2/19/2014	ITP-100, ICP-100, ISCP-0. Held safety meeting. MIRU Bayou Rig 007. RU pump lines to well head. Open up well and blew down to RT, controlled the well w/60 bbls. of 2% claytreat/biocide water. Function tested BOPE. RD pump lines and ND well head. NU well head and return lines and tested to 1,500 psi.. Good test. PU tag jts. and tagged w/40', LD tag jts.. MIRU Pick Testers. POOH testing to 6,000 psi. and tallying to the derrick 210 jts.-6,922.42' of 2 3/8" 4.7# J-55 EUE production tbg.. All jts. tested good. Tubing was landed 1.02' into the Codell perms @ 6,932.02' w/210 jts., NC/SN-1.6, and 8' adj. KB.. Drain lines, shut in and secured the well for the night.	2/19/2014
2/20/2014	No tbg., ICP-40, ISCP-0. Held safety meeting. PU 3 7/8" blade bit, casing scraper dressed for 4 1/2" 10.5# casing, and cross over. TIH from the derrick w/64 jts. and had to shut down due to high winds. Shut in and secured the well for the night.	2/20/2014
2/21/2014	ITP-0, ICP-0, ISCP-0. Held safety meeting. TIH w/146 jts. (EOT @ 6,910' w/210 jts., tools and KB). POOH 210 jts. to the derrick and laid down tools. PU 4 1/2" TS RBP from STS. TIH from the derrick w/210 jts. and laid down 2 jts.. Set RBP @ 6,849.10' w/208 jts., tools and KB. LD 1 jt. and rig up circulation equipment. Broke circulation and rolled hole clean of oil and gas. Pressured up against RBP to 2,000 psi. for 15 min.. Good test. Released pressure and rig down circulation equipment. LD 4 jts.. Dropped 2 sacks of sand and chased w/15 bbls. of 2% KCL water. LD 5 more jts. leaving 12 jts. on the ground and 198 jts. in the hole. ND BOP and strip off 3K well head and stripped on new 5K well head w/new xx heavy nipples, 5K balon valves and master valve from WB Supply. Landed tubing and nipped up top flange of tubing head. RDMOL.	2/21/2014
2/2/2015	Miru Ensign Rig 317 lwp Tbg- 0 psi, Csg- 0 psi, Surface Csg- 0 psi. Opened well to flat tank. Held safety meeting and function tested bops. N/D well head tree and N/U bops. P/U rih 10 jts 2 3/8" tbg off ground and tagged RBP. R/U rig pump and tubing swivel, loaded tbg and backside, established circulation and rolled hole clean. Released RBP and tally out to derrick 208 jts 2 3/8" tbg. L/D RBP and retrieving head. R/U Pick testing. P/U sn/nc. Tested in out of derrick 208 jts 2 3/8" tbg and 2 jts 2 3/8" tbg from ground. P/U tested in (1) 10' sub. All jts tested good to 6000 psi. R/D Pick testing. P/U RIH 2 tag joints and tagged 50' below EOT ( 6965' kb) leaving 15' rat hole. No c/o necessary. L/D tag joints. Landed well as follows:  Kb= 10' 2 3/8" pup joint = 10' 210 jts 2 3/8" = 6893.41' sn/nc = 1.60'  Total landed depth = 6915.01' kb ( 16' above top codell perms). N/D bops and N/U well head. Swi, sdfd, crew to the yard.	2/2/2015
2/3/2015	Crew to location Well was on a vaccume on both tbg and csg. R/U Lubricator and made 1.910" broach run to sn w/ no problems. Swabbed on well the rest of the day. Made 12 swab runs and recovered 60 bbls total fluid. SI pressures= blow/blow. Swi, rdmo, rwtp.	2/3/2015

### Abandon Well EHS, 1/14/2020 06:00

Job Category Abandon	Primary Job Type Abandon Well EHS	Start Date 1/14/2020	End Date 1/15/2020	Objective PLUGF AND ABANDON WELL
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### Daily Operations

Start Date	Summary	End Date
1/14/2020	ENSIGN 354, ZAHOUREK 22-31 DIRECTIONS CR 61 & 74 N 1M, E .2 INTO FIELD, S .1, E .1, S .1 INTO LOC TBG-600 PSI CSG-750 PSI SURFACE-0PSI HELD SAFETY MEETING. LOADED CSG AND TBG. ESTABLISHED CIRCULATION. N/U BOP'S, TOOH TO DERRICKS W/ 60 JTS TBG. L/D 150 JTS ON TRAILER. R/U SUREFIRE WIRELINE SERVICES. HELD SAFETY MEETING. P/U STS 10K CIBP AND CORRELATED WITH LOGS AND SET CIBP @ 6881'. L/D SETTING TOOL. RIH AND DUMP BAIL 2 SXS CEMENT ON TOP PLUG. LOADED CSG AND PRESSURE TEST CSG TO 1000 PSI. HELD FOR 15 MIN. TEST GOOD. P/U 2ND STS 10K CIBP AND CORRELATED WITH LOGS AND SET CIBP @ 6580'. L/D SETTING TOOL. RIH AND DUMP BAIL 2 SXS CEMENT ON TOP PLUG. SWI, CREW TO YARD.	1/14/2020
1/15/2020	ENSIGN 354, ZAHOUREK 22-31 DIRECTIONS CR 74 & 61 N 1M, E.1 INTO FIELD, S .1, E, S.1 INTO LOC CSG-0 PSI SURFACE-0PSI R/U PICK TESTING. PERFORMED A MIT TO 500 PSI. HELD FOR 15 MIN. TEST GOOD. TIH W/ 60 JTS TBG EOT @ 1920. LOADED TBG AND CSG ESTABLISHED CIRCULATION ROLLED HOLE UNTIL CEMENTERS ARRIVED. R/U NEXTIER CEMENT CREW. HELD SAFETY MEETING. PRESSURE TEST LINES TO 2000 PSI. TEST GOOD. MIXED AND PUMPED 35 SXS ( 8 BBLs) OF 14.8 TYPE III CEMENT FROM 1920' TO 1400'. DISPLACED TBG W/ 5.3 BBLs TO BALANCE PLUG OUT. L/D 36 JTS TBG ON TRAILER LEAVING 24 JTS EOT @ 744'. R/U NEXTIER CEMENT CREW. MIXED AND PUMPED 55 SXS (13 BBLs) OF 14.8 TYPE III CEMENT FROM 744' TO SURFACE. L/D 24 JTS TBG ON TRAILER. N/D BOP'S. TOPPED WELL OFF WITH 10 SXS (2 BBLs) OF 14.8 TYPE III CEMENT. RDMO LOC. DUG UP WELLHEAD 6' BELOW GROUND CUT AND CAPPED. WELDED MARKER PLATE. TURNED WELL OVER TO CONSTRUCTION DEPT. THIS IS FINAL REPORT. SOLD 210 JTS OF 2 3/8 J-55 8RD TBG TO KARST.	1/15/2020