



Well History

Well Name: State 22-16

API 05123143380000		Surface Legal Location SENW 16 6N 64W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,807.00		Original KB Elevation (ft) 4,820.00		KB-Ground Distance (ft) 13.00		Spud Date 8/12/1989 00:00		Rig Release Date 8/18/1989 00:00		On Production Date 9/30/1989		Abandon Date 2/20/2020	

Daily Operations

Start Date	Summary	End Date
10/18/1989	Continue cleaning out sand to 7072' PBTD. Circulate hole clean. Pull S.N. up to 7002' on 226 jts of 2 3/8" tubing. N.D. BOP & N.U. wellhead. Broach tubing to S.N. w/1.90" tool. Swab water out of wellbore. Day Total:\$2050 Cum.Total:\$142,545	

Tubing Repair, 4/14/2010 07:00

Job Category Completion/Workover	Primary Job Type Tubing Repair	Start Date 4/14/2010	End Date 4/14/2010	Objective Repair tubing leak, clean out if needed.
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Daily Operations

Start Date	Summary	End Date
4/14/2010	STP 200 psi, SPC 200 psi, SSCP 0 psi, tbg and csg open flowing to sales, MIRU Ensign rig #304, hook up pump tank and lines, blew well down, control well w/40 bbls Claytreat water, ND WH, NU BOP's, PU tag jts, tagged w/66' in, LD tag jts, POOH w/production tbg to derrick tallying (POOH w/6', 8', 8' subs, 227 jts 2 3/8" 4.7# J-55 EUE 8rd tbg, sn/nc, tbg was landed at 7034.18' KB), tag depth of 7100.18' KB (50.18' of rat hole), RU Holeseeker Testing, PU new sn/nc, TIH w/production tbg testing to 6000 psi, found 2 jts w/holes, tested in replacement tbg, RD release tester, ND BOP's, land tbg at 7022.04' KB (13.96' above top Codell perf) see tbg detail, NU WH, dropped PCS full port standing valve and chased to seatnipple w/1.901" broach, isolate well, RDMO. Tbg detail: 8' x 2 3/8" tbg sub 227 jts 2 3/8" 4.7# J-55 EUE 8rd Seatnipple/notched collar 10.0' adj KB 8.0' 7002.44' 1.60' 10.0' 18.0' 7020.44' 7022.04' EOT KB	4/14/2010
4/14/2010		4/15/2010
4/15/2010		4/16/2010
4/16/2010		4/17/2010
5/8/2018	SLIP STYLE TUBING HEAD LEAKING FROM BELL NIPPLE, STP-700 SCP-700 BLEW DOWN WELL TO PRODUCTION TANK. RU BJ HOT OILER PUMPED 110 BBLS CLAY TREAT DOWN CASING TO KILL WELL. SITP - 0, SICP - 0 RDMO	5/8/2018

Abandon Well LOE, 2/19/2020 06:00

Job Category Abandon	Primary Job Type Abandon Well LOE	Start Date 2/19/2020	End Date 2/20/2020	Objective PLUG AND ABANDON
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Daily Operations

Start Date	Summary	End Date
2/19/2020	ENSIGN 354, STATE 22-16 DIRECTIONS CR 55 & 70, W .6, S.3 INTO LOCATION. TBG-500PSI CSG-650PSI SURFACE-0PSI HELD SAFETY MEETING. LOADED CSG AND TBG ESTABLISHED CIRCULATION ROLLED HOLE CLEAN. TOOH TO DERRICKS W/ 56 JTS, L/D 171 JTS OF 2 3/8 J-55 TBG ON TRAILER. MIRU SUREFIRE WIRELINE SERVICES. P/U STS 10K CIBP CORRELATED W/ LOGS AND SET PLUG @ 6690' DUMP BAIL 2 SXS OF CEMENT ON TOP OF PLUG. LOADED CSG AND PRESSURE TEST CSG TO 1000 PSI. TEST GOOD. P/U LOGGING TOOL AND LOGGED FROM 6650' TO SURFACE. N/D BOP'S AND 3K WELLHEAD. P/U STS CSG SPEAR UNLANDED CSG @ 90K PERFORMED A STRETCH CALCULATION. DETERMINED CSG TO BE FREE TO 5000'. L/D SPEAR. N/U 8 5/8 SPOOL AND BOP'S. R/U WIRELINE CREW. RIH W/ JET CUTTER AND CUT CSG @ 1710'. R/D WIRELINE CREW. LOADED CSG AND BACKSIDE ESTABLISHED CIRCULATION. CONDITIONED HOLE FOR 1.5 HRS RECOVERED MUDD AND GAS TO TANK. L/D 1 JT OF 4.5 15.10# CSG ON TRAILER FOR DISPLACEMENT. SWI, CREW TO YARD.	2/19/2020
2/20/2020	ENSIGN 354, STATE 22-16 DIRECTIONS CR 55 & CR 70, W .6, S .3 INTO LOCATION. CSG-0PSI SURFACE-0PSI HELD SAFETY MEETING. L/D CSG ON TRAILER TOTAL 53 JTS OF 4.5 15.10# CSG RECOVERED. HAD TROUBLE BREAKING CONNECTIONS THEY WERE REALLY TIGHT. SWITCHED EQUIPMENT TO RUN 2 3/8 TBG. TIH W/ 57 JTS TBG. R/U WASHINGTON RUBBER. LOADED TBG AND BACKSIDE ESTABLISHED CIRCULATION. MIRU MAGNUM CEMENT CREW. HELD SAFETY MEETING. MIXED AND PUMPED 86 SXS (20.4 BBLS) OF 14.8 TYPE III CEMENT FROM 1760'-1510'. DISPLACED TBG W/ 5.8 BBLS. L/D 29 JTS ON TRAILER. LEAVING 28 JTS. R/U CEMENTERS. MIXED AND PUMPED 536 SXS (127 BBLS) OF 14.8 TYPE III CEMENT FROM 880' TO SURFACE. L/D 28 JTS ON TRAILER. N/D BOP'S. R/D DERRICKS P/U ALL EQUIPMENT. DUG UP WELLHEAD 6' BELOW GROUND. CUT AND CAPPED WELLHEAD. WELDED MARKER PLATE. TURNED WELL OVER TO CONSTRUCTION DEPT. THIS IS FINAL REPORT. SOLD 234 JTS OF 2 3/8 J-55 TBG & 58 JTS OF 4.5 11.6# CSG TO KARST.	2/20/2020