



Well History

Well Name: Walsh 24-24

API 05123205770000		Surface Legal Location SESW 24 2N 68W		Field Name Wattenberg		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,955.00		Original KB Elevation (ft) 4,967.00		KB-Ground Distance (ft) 12.00		Spud Date 9/19/2002 00:00		Rig Release Date 9/26/2002 00:00		On Production Date 11/7/2002		Abandon Date	

Job

Drilling - original, 9/19/2002 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 9/19/2002	End Date 9/26/2002	Objective Drill new J-sand well
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Daily Operations

Start Date	Summary	End Date
9/18/2002	MIRU FORT DRILLING. SPUD WELL @ 6 PM. DRILL 12 1/4" HOLE TO 715', MAKE SHORT TRIP. (cm)	9/19/2002
9/19/2002	CONDITION HOLE, POH W/DRILL PIPE. RIG UP KIMZEY CASER'S, RUN 15 JOINTS OF 8 5/8" X 24# CSG TO 660'. CEMENT WELL WITH 495 SKS(100% EXCESS), HAD 3 BBLs CEMENT RETURNS TO PIT. WOC 12 HRS, DRILL OUT SURFACE, DRILL TO 2465'.	9/20/2002
9/20/2002	DRILL FROM 2465' TO 4199'.	9/21/2002
9/21/2002	DRILL FROM 4199' TO 6308'	9/22/2002
9/22/2002	DRILL FROM 6308' TO 7613'. MUD UP @ 6500'. TOP NIOBRARA @ 7497', CODELL @ 7520'.	9/23/2002
9/23/2002	DRILL FROM 7613' TO 8140'.	9/24/2002
9/24/2002	DRILL FROM 8140' TO TD OF 8152'. MAKE 10 STAND SHORT TRIP, CIRCULATE HOLE 4 HOURS (SUPPOSED TO HAVE BEEN 2 HRS), POH LAYING DOWN DRILL PIPE. RIG UP PSI LOGGERS, TD @ 8187'. RIG DOWN LOGGERS, TIH W/PRODUCTION CSG.	9/25/2002
9/25/2002	FINISH IN HOLE W/CSG, CIRCULATE HOLE FOR 1 1/2 HOURS, RIG UP BJ, PUMP 245 SKS LIQUID STONE, BUMP PLUG TO 2000#, HELD GOOD. DROP BOMB, WAIT 30 MINUTES, OPEN DV TOOL, CIRCULATE 2 HOURS, CEMENT WITH 110 SKS LIQUID STONE. BUMP PLUG TO 2000#, HELD GOOD, RIG DOWN BJ, RELEASE RIG. KB 120 jts new 4 1/2" x 11.6# I80 5039' 5049' weatherford stage tool 1' 5050' 75 jts new 4 1/2" x 11.6# I80 3077' 8127' weatherford float collar 1' 8128' 1 jt new 4 1/2" x 11.6# I80 42' 8169' weatherford float shoe 1' 8170' 25 centralizers run in hole	9/26/2002

Initial Completion, 9/30/2002 00:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 9/30/2002	End Date 10/18/2002	Objective Complete new J-sand well
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Daily Operations

Start Date	Summary	End Date
9/30/2002	MIRU L&L Well Service, install well head, PU 3 7/8" cone bit, TIH tallying & picking up production tbg, tagged DV Tool @ 4995.58 KB w/160 jts, PU power swivel, drill out DV Tool, LD power swivel, TOO H w/tbg standing back, PU 4 1/2" csg scraper w/bit, TIH w/production tbg, tagged @ 8119' KB w/261 jts, LD 1 jt, rolled hole clean w/fresh 2% KCL water, SI well, SDFN (dg)	10/1/2002
10/1/2002	POOH w/tbg, LD bit & scraper, RU ADI Wireline, run CBL/GR/CCL, pressure test csg to 5000# holding for 15 minutes, test good, RIH w/ 3 1/8" PHC gun & perforate J-Sand, 8014-24, 8002-12, 7990-96, 4 jsp-120 degree phs, RD ADI, PU seat nipple/notched collar, RIH w/production tbg, ND BOPs, land tbg, NU WH, RU to swab, IFL @ surface, swabbed well down to 2800', recovered 40 bbls, SI well, SDFN EOT @ 7957.01 KB w/4' blast jt-255 jts 2 3/8" J-55 4.7# EUE 8rd tbg-seat nipple/notched collar (dg)	10/2/2002
10/2/2002	0# tbg & csg, RIH w/swab, IFL 2800', swabbed well dry, recovered 60+ bbls, LD swab, RDMO L&L rig, RU Cable Inc, RIH & set pressure bomb @ 7957', will leave bomb in hole for 7 days, well shut in (dg)	10/3/2002
10/16/2002	MIRU Halliburton to frac w/515,420# 20/40 proppant along w/177,471 gals Fracgel frac fluid. Formation broke 2225# & 6.8 bpm. Ave rate 24.2 bbl/min, avg pressure 3852, max pressure 4272, max sand concentration 5 ppg. ISDP - 2233 psi, ttr 4814 bbls. (Halliburton) TO well @ 12:30 on a 16/64" choke. TP - 1650	10/17/2002
10/17/2002	In 19 1/2 hrs produced 568 on a 16/64" choke. TP - 60, CP - 0. TLLTR - 4246 bbls	10/18/2002

WBI - Plug Set Other Operator, 4/17/2018 06:00

Job Category Completion/Workover	Primary Job Type WBI - Plug Set Other Operator	Start Date 4/17/2018	End Date 4/19/2018	Objective SET PLUG ABOVE THE TOP PERFS FOR WBI.
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Daily Operations

Start Date	Summary	End Date
4/17/2018	ITP 670 PSI, ICP 650 PSI, ISCP 0 PSI, WELL WAS SHUT IN, MIRU RANGER RIG 03, BLEW DOWN WELL THROUGH PORTABLE SEPARATOR AND INCINERATOR, TOOK 6 HOURS TO BLOW DOWN WELL, CONTROLLED WELL PUMPING 70 BBL DOWN CASING AND 30 BBL DOWN TUBING, ND PRODUCTION TREE, NU BOP, IT WAS TOO WINDY TO PULL PIPE, SI AND SECURE WELL FOR THE NIGHT, SD.	4/17/2018



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Daily Operations

Start Date	Summary	End Date
4/18/2018	ITP 30 PSI, ICP 30 PSI, ISCP 0 PSI, BLEW DOWN WELL, PICKED UP TAG JTS, TAGGED WITH 3 JTS 94', TALLY OUT OF THE HOLE, MIRU PICK TESTERS, PU STS'S 3 7/8 BLADE BIT AND 4 1/2 SCRAPER DRESSED FOR 11.6 CASING, RIH WITH PRODUCTION PIPE, FOUND 5 JTS WITH HOLES, THE REST TESTED GOOD, RIG DOWN TESTER, RAN SCRAPER DOWN TO 7943' WITH 255 JTS, POOH TO DERRICK, LD BIT AND SCRAPER, PU STS'S 4 1/2 WLTC RBP DRESSED FOR 11.6 CASING, RAN 100 JTS DOWN TO 3097.65, SI AND SECURE WELL FOR THE NIGHT, SD.	4/18/2018
4/19/2018	NO PRESSURES, OPENED WELL, FINISHED GOING IN THE HOLE WITH RBP, SET RBP AT 7930.20' WITH 255 JTS 10' OUT ON JOINT 255, LD 1 JOINT, CIRCULATED OIL AND GAS OUT, PRESSURE TESTED CASING UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, LD 22 MORE JTS, DUMPED 2 SACKS OF SAND DOWN TUBING, CHASED SAND WITH 15 BBL OF WATER, POOH TO DERRICK, PU SECOND 4 1/2 WLTC RBP DRESSED FOR 11.6 CASING, RIH WITH 2 3/8 PIPE, SET RBP AT 7218.81' WITH 232 JTS, LD 1 JT CIRCULATED THE HOLE CLEAN, PRESSURE TESTED CASING AND PLUG UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, LD 4 JTS, PUMPED 2 SACKS OF SAND DOWN TUBING, CHASED DOWN WITH 15 BBL OF WATER, LD 5 MORE JTS, LANDED TBG AT 6910.45' KB WITH 222 JTS, SEAT NIPPLE AND RETRIEVING HEAD, (308.36' ABOVE THE PLUG), ND BOP AND OLD 5K WELL HEAD, INSTALLED NEW 5K WELL HEAD WITH 5K VALON VALVES AND 2 3/8 MASTER VALVE, PICK TESTERS TORQUE AND TESTED WELL HEAD, RECORDED THE TEST FOR 15 MINUTES, RACK PUMP AND TANK, RDMOL. FINAL REPORT. TUBING DETAILS KB 10.00 222 JTS OF 2 3/8 J-55 4.7 6896.25 SEAT NIPPLE 1.20 RETRIEVING HEAD 3.00 TOTAL 6910.45	4/19/2018