



Well History

Well Name: Leafgren 23-17

API 05123195330000		Surface Legal Location NESW 17 6N 65W		Field Name Eaton		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,746.00		Original KB Elevation (ft) 4,756.00		KB-Ground Distance (ft) 10.00		Spud Date 2/13/1998 00:00		Rig Release Date 2/18/1998 00:00		On Production Date 3/7/1998		Abandon Date 1/8/2021	

Daily Operations

Start Date	Summary	End Date
2/4/2010	STP 200 psi, SPC 200 psi, SSCP 0 psi, tbg and csg open flowing to sales, MIRU Ensign rig #301, hook up pump tank and lines, blew well down, control well w/30 bbls Claytreat water, ND WH, NU BOP's, POOH w/production tbg to derrick tallying (POOH w/13.12', 13.24' subs, 215 jts 1.900" 2.90# J-55 EUE 10rd tbg, sn/nc, tbg was landed at 7100.48' KB), RU Anytime Testing hydrotester, PU new notched seatnipple (1.500" I.D.), TIH w/production tbg testing to 6000 psi, layed down 5 jts w/holes testing in, 150 jts in, ran out of daylight, Isolate well, SDFN, will finish testing in tomorrow morning.	2/4/2010
2/5/2010	0 psi at WH, open well, finish TIH w/production tbg testing to 6000 psi, remaining jts tested good, PU new replacement jts testing in, RD tester, PU tag jts, tagged up at 7159.39' KB (40.39' of rat hole), LD tag jts, ND BOP, land tbg in WH at 7099.33' KB (9.67' above top Codell perf), (see tbg detail), NU WH, drop new PCS full port standing valve and chased to seatnipple w/1.516" broach, isolate well, RDMO. Tbg detail: 13.12' x 1.900" sub 10.0' adj KB 10.0' 13.24' x 1.900" sub 13.12' 23.12' 215 jts 1.900" 2.90# J-55 EUE 10rd 7061.87' 7098.23' Notched seatnipple (1.50" I.D.) 1.10' 7099.33' EOT	2/5/2010

Tubing Repair, 2/1/2013 06:00

Job Category Completion/Workover	Primary Job Type Tubing Repair	Start Date 2/1/2013	End Date 2/4/2013	Objective Repair tubing leak
-------------------------------------	-----------------------------------	------------------------	----------------------	---------------------------------

Daily Operations

Start Date	Summary	End Date
2/1/2013	ITP 100 psi, ICP 50 psi, SSCP 00 psi, on blow down to through production equipment, MIRU Bayou rig #014, blew well down to rig tank, control well w/10 bbls Claytreat/Biocide water, ND WH, NU BOP, PU 2 tag jt, tagged at 7,152.57' (33.57' of rat hole) w/ 217 jts, LD tag jt, POOH w/production tbg LD tubing onto trailer (POOH w/215 jts 1 1/2" EUE tbg, 2-12' subs, sn/nc, tbg was landed at 7,099.33' KB (9.67' above Codell bench. Shut in and isolated well, drained lines, prepared for next day operations. SDFN,	2/1/2013
2/4/2013	SCP 200 psi, RU Pick Testers, TIH w/production tbg from trailer testing to 6000 psi, 1 bad jts, all other jts tested good, RD tester, landing well @ 7,102.69' w/216 (6.31' above the Codell) KB, NU WH, did not dropped new PCS full port standing valve and broached to seatnipple w/1.516" broach, RDMO Tbg detail: 216 jts 1 1/2" 2.4# J-55 EUE 10rd 7094.29' 7101.29' Seatnipple/notched collar 1.40' 7102.69 EOT	2/4/2013

Abandon Well LOE, 1/7/2021 12:00

Job Category Abandon	Primary Job Type Abandon Well LOE	Start Date 1/7/2021	End Date 1/8/2021	Objective PLUG AND ABANDONMENT
-------------------------	--------------------------------------	------------------------	----------------------	-----------------------------------

Daily Operations

Start Date	Summary	End Date
1/7/2021	MIRU ENSIGN RIG 351 HELD SAFETY MEETING CHECK PRESSURE IWP 400PSI TUBING 400PSI CASING 0PSI SURFACE CASING. BLOW DOWN WELL TO TANK LOAD CASING/TUBING WITH 90BBL CIRCULATE OIL/GAS FROM WELLBORE FOR 1HR CLEAN FUNCTION TEST BOP TEST GOOD. N/D WELL TREE, MASTER VALVE 5K TOP FLANGE N/U BOP. R/U WORK FLOOR TUBING EQUIPMENT UNLAND TUBING FROM WELLHEAD. TOT 80JNTS 1 1/2" TUBING TO DERRICK, L/D 136JNTS TO TRAILER KEEPING HOLE LOADED (216JNTS 1 1/2" TUBING TOTAL) MIRU RMWS WIRELINE HELD SAFETY MEETING. P/U RIH 3 1/2" 10K CIBP CORROLATED WITH LOG SET CIBP @ 7059' P/U BAILER RIH DUMP 2SXS CEMENT ON TOP OF CIBP. LOAD CASING WITH 4BBL PRESSURE TEST PLUG/CASING 1100PSI TEST GOOD. P/U RIH 3 1/2" 10K CIBP CORROLATED WITH LOG SET CIBP @ 6840' P/U RIH BAILER DUMP 2SXS CEMENT ON TOP OF CIBP. P/U LOGGING TOOLS RIH RUN CBL FROM 2700'-SURFACE VERIFYING CASING TO BE FREE. RDMO RMWS SWI CREW CLEANED LOCATION CREW TRAVELED HOME	1/7/2021
1/8/2021	CREW TRAVEL TO LOC HELD SAFETY MEETING. CHECK PRESSURES 0/0/0. PU 1.900" SN AND COLLAR AND BEGAN TITH WITH 40 STANDS FROM DERRIK EOT OF 2617'. RU KELLY HOSE BROKE CIRCULATION RD KELLY HOSE. HELD SAFETY MEETING WITH DUCO CEMENT. RU CEMENT EQUIPMENT. PUMPED 5BBL FRESH AHEAD BEGAN MIXING AND PUMPING 5 SXS OF 15.8 G NEAT CEMENT (1BBL) DISPLACE TUBING WITH 6.3 BBLs OF FRESH WATER. RD CEMENTERS. MAINTAINED GOOD CIRCULATION LD 3 JTS LEAVING TBG @2500' RU KELLY AND REVERSE CIRCULATE TO CLEAN OUT CASING FOR CUT @2500'. RD KELLY HOSE. CONTINUED LAYING DOWN 77 JTS.RD TBG EQUIPMENT AND WORK FLOOR. ND BOP AND REMOVE 3K WELLHEAD. REMOVED SURFACE CAP AND PACKING. UNLAND CASING WORKED STRETCH, CALCULATION SHOWED FREE @3001'. NU 8 5/8 SPOOL NU BOP RU WORK FLOOR AND CSG EQUIPMENT. RU RMWS AND PU 3 1/2" JETT CUTTER RIH AND CUT CASING @2500'. POOH RDMO RMWS. RU 3 1/2 WASHINGTON RUBBER AND ATTEMPT TO CIRCULATE, CIRCULATION COULDN'T BE ESTABLISHED LAYED DOWN 1 JT OF 3 1/2 TRY TO CIRCULATE AGAIN WITH NO SUCCESS, DECIDED TO LAY DOWN 3 1/2 CASING TOTAL OF 77 JTS ON TRAILER. CHANGE OUT EQUIPMENT TO 2 3/8 PU 2 3/8 MULE SHOE AND PU 79 JTS OF 2 3/8 J-55 4.7# TBG FROM FLOAT. DOWN TO 2500' RU KELLY HOSE AND BEGAN PUMPING TO ESTABLISH CIRCULATION, CONDITIONED HOLE FOR 45 MINS GOOD RETURNS. SD PUMP LET HOLE BALANCE OUT RU CEMENTERS MIX AND PUMP 100 SXS OF 15.8 G NEAT CEMENT (20.4BBLs) FROM 2500'-2300' DISPLACED TBG WITH 8.9 BBLs FRESH WATER. MAINTAINED GOOD CIRCULATION THROUGHOUT RD CEMENTERS AND LAYED DOWN 28 JTS, RU CEMENTERS MIX AND PUMP 100 SXS OF 15.8 G NEAT CEMENT (20.4BBLs) FROM 1620'-1420' DISPLACED TBG WITH 5.5 BBLs FRESH WATER MAINTAINED GOOD CIRCULATION THROUGHOUT JOB LD 30 JTS LEAVING 21 IN HOLE.	1/8/2021



Well History

Well Name: Leafgren 23-17

API 05123195330000		Surface Legal Location NESW 17 6N 65W		Field Name Eaton		State CO		Well Configuration Type Vertical					
Ground Elevation (ft) 4,746.00		Original KB Elevation (ft) 4,756.00		KB-Ground Distance (ft) 10.00		Spud Date 2/13/1998 00:00		Rig Release Date 2/18/1998 00:00		On Production Date 3/7/1998		Abandon Date 1/8/2021	

Daily Operations

Start Date	Summary	End Date
1/8/2021	W/ 21 JTS IN HOLE EOT @ 650', RU KELLY HOSE BREAK CIRCUALTION WITH RIG PUMP VERIFIED RETURNS WERE GOOD SD PUMP RD KELLY HOSE. RU CEMENTERS MIX AND PUMP 302 SXS OF 15.8 G NEAT CEMENT (62BBLS) FROM 650'-SURFACE. MAINTAINED GOOD CIRCULATION THROUGHOUT JOB RD CEMENTERS, LAYED DOWN 21 JTS SHUT IN SECURED WELL WASHED UP TBG EQUIPMENT. RD WORK FLOOR AND ALL AUXILIARY EQUIPMENT. CREW CLEANED LOCATION PLACED FENCE BACK AROUND WELL AND MOVED RIG AND EQUIPMENT OFF LOCATION. THIS WELL IS SCHEDULED TO BE DUG UP NO SOONER THAN 5 DAYS PER THE COGCC, CUT AND CAPPED 6' BELOW GROUND LEVEL W/A WELDED ON MARKER PLATE. WELL WILL THEN BE BURIED AND TURNED OVER TO THE CONSTRUCTION DEPT. THIS IS THE FINAL REPORT.	1/8/2021