




Daily Operations

Well Name: LOCKMAN 04-14

Daily Operations				
Well Name	API	Job Type	Start Date	Summary
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/17/2019	ROAD RIG TO LOCATION. HELD A SAFETY MEETING. BRIGADE MOVED & SPOTTED IN BASE BEAM, PUMP & TANKS. BRIGADE TRANSFERRED 95 BBLS OF H2O & DELIVERED 110 BBLS OF FRESH H2O. SPOT IN & R/U BRIGADE WSU #14. RAN HARD LINES. FUNCTION TESTED ACCUMULATOR. IWP = 1050#, 600#, 0#. SECURED & LOCKED OUT W/H. SDFD. CREW TO YARD.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/18/2019	CREW TO LOCATION. HELD A SAFETY MEETING.PRESSURE TESTED PUMP MANIFOLD, HARDLINES & BLIND RAMS TO A LOW OF 349# & HIGH OF 2585'. BOTH TESTS WERE GOOD. RELEASED PSI. IWP = TBG = 1350#, CSG = 600#, SURFCSG = 0#. COMPLETED FORM 17. HOOKED UP CIRC EQUIP. BULL HEADED 20 BBLS OF FRESH H2O DOWN TBG & 80 BBLS DOWN CSG TO CONTROL WELL. N/D W/H. N/U 3K FLANGE ADAPTOR, 5K X 5K DUAL OUTLET SPOOL & 5K BOP. R/U W/F & TONGS. TIH W/ 2 3/8" PUP JT. PRESSURE TESTED PIPE RAM & STACK TO A LOW OF 417# & HIGH OF 2467#. BOTH TEST WERE GOOD. RELEASED PSI. UNLANDED TBG @ 34.5K. L/D PUP JT & TBG MANDREL. CAST DELIVERED EMPTY FLOAT #183. POOH L/D ON FLOAT W/ 53 JTS OF 2 3/8" 4.7# J-55 EUE 8RD TBG. TBG STARTED PULLING WET @ JT 45. WAITED FOR 1.5 HRS FOR CASED HOLE SOLUTION TO ARRIVE ON LOCATION. HELD A SAFETY MEETING W/ CASED HOLE SOLUTIONS. R/U W/L. P/U & RIH W/ 2 3/8" TBG PUNCH. MADE IT IN 10' & WOULD STACK OUT. WORKED IT FOR 30 MINS. NO LUCK. L/D 1 JT OF 2 3/8" TBG. RIH W/ TBG PUNCH. STACKED OUT @ 5629'. (EOT) FIRED PUNCH @ 3627'. OOH W/ SPENT GUN. R/D W/L. HOOKED UP CIRC EQUIP & PUMPED 10 BBLS OF H2O DOWN TBG & CSG. CONTINUED POOH L/D ON FLOAT W/ ANOTHER 183 JTS OF 2 3/8" TBG, S/N & N/C. (237 JTS TOTAL OOH) SECURED & LOCKED OUT WELL HEAD. CLEANED UP LOCATION. SDFD. CREW TO YARD.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/19/2019	CREW TO LOCATION. HELD A SAFETY MEETING W/ CASED HOLE SOLUTIONS. COMPLETED DAILY RIG INSPECTIONS. IWP = 50#. HOOKED UP CIRC EQUIP & BLED WELL OFF TO WORK TANK. PUMPED 10 BBLS OF H2O FOR WELL CONTROL. R/U W/L. RIH W/ 4 1/2" CIBP & SET @ 7262'. OOH W/ SETTING TOOL. TIH W/ DUMP BAILER & BAILER 2 SXS OF CEMENT ON TOP OF CIBP. EST TOC @ 7238'. OOH W/ BAILER. R/D W/L. LOADED HOLE W/ FRESH H2O. PRESSURE TESTED CIBP, CEMENT & CSG TO 1000# FOR 15 MIN. GOOD TEST NO PRESSURE LOSS. RELEASED PSI. R/D TONGS & W/F. N/D BOP, SPOOL, 3K FLANGE ADAPTOR & 3K W/H. N/U 10K 4 1/2" FRAC VALVE. SECURED & LOCKED OUT WELL HEAD. RACKED PUMP & LINES. R/D WSU. CLEANED UP LOCATION. MOVED OFF LOCATION.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/25/2019	MIRU SCHLUMBERGER RIGLESS #2 CREWS: IWP- CSG 0 PSI & SURFACE 0 PSI. R/U FLOWBACK, CEMENT & WIRELINE EQUIPMENT. (NOTE: PRESSURE TEST EQUIPMENT TO 1500 PSI SEVERAL TIMES DUE TO MULTIPLE LEAKS. FIXING THE MULTIPLE LEAKS AND PRESSURE TESTING TOOK A FEW HOURS BEFORE WE COULD BEGAN WORK. WE GOT A GOOD TEST AT 1500 PSI). RIH W/ 4 1/2" CIBP AND SET THE PLUG (@ 6926' KB). DUMP BAIL 2 SKS OF CEMENT ON TOP OF THE PLUG. (NOTE: AFTER COMING OUT OF THE HOLE WITH THE SETTING TOOL WE HAD A GAS POCKET COME UP HOLE AND THE WELL FLOWED OIL & GAS FOR 35 MINUTES. WE GAVE IT ANOTHER 20 MINUTES BEFORE WE RIH W/ THE DUMP BAILER). MADE THE DUMP BAIL RUN AND SWI. (NOTE: THE NEXT STEPS IN THE PROCEDURE WOULD TAKE US LATE INTO THE EVENING. IT WAS DISCUSSED AND AGREED W/ THE NOBLE ENGINEER BRIAN ULMER THAT IT WOULD BE BEST TO START THE NEXT PART OF THE PROCEDURE IN THE AM INCASE WE RAN INTO OTHER PROBLEMS). SDFD, CREW TO THE YARD.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/26/2019	CREWS TO LOCATION: IWP- CSG 0 PSI & SURFACE 0 PSI. RIH W/ PERF GUN AND SHOOT SQZ HOLES @ 2500' KB. POOH W/ WIRELINE. PUMP DOWN CSG AND CAUGHT CIRCULATION W/ 10 BFW. MIX AND PUMP 10 BBLS MUD FLUSH AND 185 SKS G NEAT CEMENT W/ 2% CC AT 1.5 BPM @ 200 PSI (38 BBLS 15.8 PPG). (NOTE: WE HAD SLIGHTLY THICK MUD WITH GAS IN THE RETURNS. RETURNS CLEANED UP). WE OVER DISPLACE W/ 1.5 BFW (32.5 BFW TOTAL) FOR LOGGING PURPOSES. SWI AND WOC FOR 2 HRS. PRESSURE TEST PLUG TO 500 PSI, HELD SOLID. RIH W/ LOGGING TOOLS AND TAG TOC @ 1910' KB. RUN CBL LOG FROM 1910' TO 1500'. THERE WAS NO CEMENT BOND FROM 1900' TO 1500' KB. POOH W/ LOGGING TOOLS AND SWI. SHUT WELL IN AND MONITOR FOR GAS PRESSURE. SDFD, CREWS TO THE YARD.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/29/2019	CREWS TO LOCATION: IWP- CSG 10 PSI & SURFACE 30 PSI. BLED WELL DOWN. SHUT WELL IN AND CHECK FOR PRESSURE BUILD UP AND HAD NONE. RIH W/ LOGGING TOOLS AND TAGGED CEMENT @ 1785' KB (125' HIGHER THEN THE TAG ON FRIDAY). LOGGED THE WELL FROM 1785' TO 1500'. THERE WAS NO CEMENT BOND. POOH W/ WIRELINE. RIH W/ 4 1/2" JET CUTTER AND CUT CSG @ 1086' KB. POOH W/ WIRELINE. ROLL THE HOLE W/ 10 BBLS MUD FLUSH AND 51 BBLS OF FRESH WATER. SWI AND MONITOR THE WELL FOR PRESSURE BUILD UP. SDFD, CREWS TO THE YARD.
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	7/30/2019	CREWS TO LOCATION: IWP- CSG 0 PSI & SURFACE 0 PSI. CHECK FOR FLOW AND HAD NONE). PUMP DOWN 4 1/2" CSG AND CAUGHT CIRCULATION WITH 1 BFW. MIX AND PUMP 352 SKS G NEAT CEMENT W/ 2% CC (72 BBLS 15.8 PPG). DISPLACE W/ 1/4 BFW. (NOTE: RETURNS WERE VERY CLEAN). SHUT WELL IN. R/D AND MOVE OFF LOCATION.



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Well Name	API	Job Type	Start Date	Summary
LOCKMAN 04-14	05-123-24844	PLUG AND ABANDON	4/14/2020	CEMENT DEPTH BEFORE CUT: SURFACE, CEMENT DEPTH AFTER CUT: 5'. 0 SACKS AT TOP OFF.

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Report Printed: 7/8/2020