

ROBERT L, BAYLESS , PRODUCER LLC

PLUG AND ABANDON PROCEDURE

PHILADELPHIA CREEK #32

API: 05-103-08382

NE/4 SW/4 SEC 1 T 25 R 101W

1. CHECK RIG ANCHORS . CHECK TYPE OF WELL HEAD. COMPLY WITH ALL STATE , BLM , AND OPERATOR SAFETY REGULATION.
2. PLUGGING RIG , CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION .
3. RECORD TUB AND CAS AND BRADENHEAD PRESSURES.
4. BLOW DOWN WELL.
5. NIP UP BOP .
6. TRIP OUT OF HOLE 1 ¼ IJ TUB 2.33# CW55 10 RD. TALLY OUT HOLE CHECKING FOR HOLES IN TUB . STAND BACK IN DERRICK . PUT IN 1 ¼ PLUG . TRIP IN HOLE TESTING TUB 500PSI MAKE SURE TO GET A GOOD TEST .
7. NEED TO HAVE 2900FT OF GOOD TUB IN DERRICK. LAY DOWN REST OF TUB.
8. RIG UP WIRE LINE , RUN IN HOLE AND SET 2 7/8 PLUG @ 3000 FT . 49 FT ABOVE PERF.
9. TRIP IN HOLE WITH 1 1/4 TUB TO 2990 ESTABLISH CIRCULATION SET 2 SACKS OF CLASS G CEMENT PLUG . APPROXIMATELY 70 FT OF CEMENT ON TOP OF PLUG .TRIP OUT TO 2800FT . REVERSE CIRCULATE WELL BORE AND TUBING CLEAN . PULL 4 STANDS . SHUT IN TUB AND CAS. WAIT ON CEMENT.
10. TRIP IN HOLE TAG CEMENT @ APPROXIMATELY 2930.
11. PULL BACK UP TO 2900 PRESSURE TEST CAS 500 PSI . TEST GOOD TRIP OUT OF HOLE LAYING DOWN 1 ¼ TUB .
12. RIG UP WIRE LINE , RUN IN HOLE AND PERFORATE 2 SQUEEZE HOLE @ 200FT (69 FT BELOW 8 5/8 SURFACE CASING SHOE) ESTABLISH

CIRCULATION UP BRADENHEAD WITH WATER . IF WELL CIRCULATE . CLEAN WELL BORE . NIP DOWN BOP . PUT IN 2 7/8 VAL ON CAS .

13. MIX 84 SX OF CEMENT . PUMP DOWN 2 7/8 CAS . ONCE CEMENT IS CIRCULATED TO SURFACE , SHUT IN BRADENHEAD AND PUMP REMAINING CEMENT . TOTAL CEMENT TO BE PUMPED IS 84 SACKS (99 FT). SHUT IN WELL . WAIT ON CEMENT .
14. CUT OFF WELL HEAD BELOW SURFACE CAS FLANGE . FILL CAS AND SURF CEMENT TO SURF .
15. WELD PLUG PLATE TO COMPLY WITH REGULATIONS.
16. RIG DOWN , AND CUT OFF ANCHORS . RESTORE LOCATION PER BLM STIPULATIONS.
17. BACK FILL AROUND WELLBORE.