

PLUG AND ABANDON PROCEDURE

WELL NAME: KILMER 1 DATE: 4/17/2019

LOCATION: Qtr/Qtr: SWSW Section: 20 Township: 6N Range: 54W
COUNTY: LOGAN STATE: CO API #: 05-075-05060

ENGINEER: Hunter Dunham 7 Day Notice Sent:
(Please notify Engineer of any major changes prior to work) Do not start operations until:
Notice Expires:

OBJECTIVE: Plug and abandon orphan well

WELL DATA: Surface Csg: 10 3/4" 40# @ 183' KB Elevation: 4264'
Surface Cmt: 100SX GL Elevation: 4251'
Long St Csg: 5 1/2" 14# @ 5047' MD: 5094'
Long St Cmt: 150SX PBTD: N/A
Long St Date: 10/15/1950

Plug Info (1) CIBP at 5000' w/2sx cement
Plug Info (2) Balanced plug 2000' - 2500' (195 sx)
Plug Info (3) Surface plug 0' - 800' (315sx)
Plug Info (4)

Tubing: Rods:
Pump:
Misc.: Base of Upper Pierre Aquifer 629'; Deepest Water Well 460'

WELL STATUS: Shut-in

COMMENTS:

PROCEDURE:

- 1 Prior to the beginning of plugging operations be sure that a Form 17 has been completed.
2 MIRU workover rig, pump, and tank.
3 Blow down well and roll hole with fresh water, if possible.
4 ND WH, NU BOP.
5 POOH and stand back tbg.
6 MIRU WL and run RBL from 5000' to surface.
7 RIH w/ CIBP and set @ 5,000'
8 Dump bail 2 sx of Class G Neat cement w/ silica on top of CIBP. TOC @ 4,973'
9 Load hole with fluid and pressure test CIBP to 1,000 psi with rig pumps. Hold for 15 minutes. Test will be considered successful if lose less than 100 psi.
**If test is unsuccessful, contact engineer
10 RIH w/ WL and cut production casing at 2,500'
11 Circulate a MINIMUM of 2 bottoms up volumes (342.7 bbls) or until well is free of oil, gas, or any large cuttings. If returns are not seen within 30 bbls SD and call rig engineer. Run RBL if needed.
12 Perform flow check for 5 minutes to ensure well is static and record current fluid weight in daily report.
13 Unland production casing.
14 POOH and LD production casing filling pipe every 6 joints.
15 RIH w/ workstring to 2,500' (top of casing cut).
16 Establish circulation.
17 Pump 10 bbls Mud Flush (or similar spacer) followed by 195 sx of 15.8 Class G Neat cement as a balanced plug. TOC @ 2,000'.
18 POOH w/ workstring.
19 Perform flow check for 5 minutes to ensure well is static and record current fluid weight in daily report record.
20 RIH w/ Workstring to 800'. (150' below aquifer)
21 Establish circulation.
22 Pump 10 bbls Mud Flush (or similar spacer) followed by 315 sx of 15.8 Class G Neat cement as a balanced plug. TOC @ Surface.
23 POOH workstring. Top off cement as needed. Cement needs to be ~10' from surface.
24 ND BOP.
25 RDMO.