

casing gun. Correlate to zone shown on OH log corrected as needed to cased hole log with collars.

5. TIH w/redressed packer to 6950' & set . Swab tubing down to check for natural production.
6. Pressure backside to 1,000#. Acidize perms as directed with 500 gals. 15% NE-FE HCL, recover load immediately and swab/flow test for productivity. Rig for production or continue with P&A procedure as directed by office.
7. Kill zone and POOH w/packer.
8. RU wireline company & RIH with 5-1/2" CIBP and set at 7,100'. Run dump bailer and dump 3 sacks of cement(approx. 40' fill) on top of plug.
9. RIH with tubing to 7000', circulate hole with mud. POOH w/tbg.
10. RU casing pullers. Run wireline freepoint & then run casing cutter to cut casing 40' plus or minus above freepoint. POOH & lay down casing.
11. RIH with open ended tbg to 90' below top of 5-1/2" casing. Establish circulation with mud and spot 35 sacks cement. Pull up hole & WOC. Tag plug.
12. Spot 30 sacks of cement from 2266' up to 2166'. Pull up hole & WOC. Tag plug.
13. Spot 17 sacks of cement from 50' up to surface. Lay down last of tubing.
14. ND BOP and cut off all casing stings 3' below ground level. RD&MO plugging unit.
15. Weld 1/4" plus metal plate to cover all 13-3/8 & 8-5/8 cut off casing.
16. Weld permanent abandonment marker to cover plate. Marker should be 5-1/2 casing, orange peeled on top end so that top is 4' above ground level and inscribed with "Smith Federal No. 2- NWSW-SEC 1-T22S-R23E".
17. Cut off dead-man anchors below ground level and remove markers. Fill in cellar and workover pit.
18. Remove all equipment, concrete bases, pipe & fittings.
19. Clean and restore(seed & fertilize) location per BLM requirements.
20. Send a copy of the well service report, signed plugging affidavits, & final P&A schematic to the Musselman Owen & King's Midland office for proper filing.

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