

ABANDONMENT PROCEDURE

LANGLIE JAL #54
LANGLIE MATTIX (QUEEN-SEVEN RIVERS) FIELD
LEA COUNTY, NEW MEXICO

NOTIFICATION:

1. Notify the New Mexico Oil Conservation Division at (505) 393-6161 at least 24 hours prior to commencing abandonment operations.
2. Notify UTP and New Mexico Oil Conservation Division prior to making any deviation from the approved abandonment procedure. The UTP foreman responsible for the operation should keep a copy of the approved work permit on location.
3. Notify the landowner 24 hours prior to commencing abandonment operations.

PROCEDURE:

1. MIRU well service unit equipped with pump, tank, BOP's and cement mixing equipment.
2. Remove tree and slick jt. NU BOP's.
3. PU and TIH with 2-3/8" or 2-7/8" work string to tag PBTD. CIBP at 3,135'.
4. Mix and spot 25 sx cement plug from 3,135' to 2,950'. Use Class "H" cement mixed at 15.6 ppg and 1.18 cu.ft./sk for this and all other plugs (Class "C" is also acceptable).
5. PU tubing to 2,900'. Displace the hole with 65 bbls of 10 ppg gelled salt brine (25# gel/bbl). Circulate the long way due to casing leaks.
6. PU tubing to 1,150' (100' below the top of the salt).
7. Mix and spot 25 sx balanced cement plug from 1,150' to 950'.
8. POOH with tubing.
9. RIH with cement retainer on tubing. Set retainer at 200'.
10. Sting into retainer. Establish injection rate and pressure. Hold 500 psi pressure on ^{5 1/2"} casing, having ^{8 5/8"} casing open.
11. Mix and pump 175 sx Class "H" cement, displacing 170 sx through retainer and dumping 5 sx on top of retainer. PU above cement and reverse tubing clean.

12. PU to 70'. Mix and spot 10 sx surface plug.
13. POOH.
14. ND BOP's. Cut off casing 5' below ground level. Weld on steel plate with well name, number and location on top of casing. Install dry hole marker. Backfill pits and cellar. RDMO. Remove all production equipment and clean up location.

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