

SUNDRY NOTICES AND REPORTS ON WELLS

JUN 24 1963
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

NMOCC

*See Instructions on Reverse Side

Casing Repair Procedure

John Charles #3

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JUNE 1961
OIL COMPANY
L.S.I.

1. Move in and rig up workover unit.
2. Nipple down wellhead, nipple up BOP.
3. Trip out of hole with 1" tubing. Lay down 1" tubing.
4. Pick up 2 3/8" tubing, 4 3/4" bit, and 5 1/2" casing scraper. Trip in hole with 4 3/4" bit, 5 1/2" casing scraper and tubing. Clean casing to PBTD (2084'). Circulate hole clean.
5. Trip out of hole with tubing, casing scraper, and bit.
6. Trip in hole with retrievable bridge plug and a packer.
7. Set bridge plug at 1900'. Pull up 10' with packer. Set packer and test bridge plug to 1500 psi for 15 minutes. Unseat packer. Dump 2 sacks of sand on top of bridge plug. Make sure that packer and tubing will be above the sand after placing the sand on top of the bridge plug.
8. Pull up hole with packer searching for hole in casing.
9. Set packer 150' above hole in casing.
10. Establish injection rate with 2% KCl water.
11. Unseat packer. Place cement in tubing string. Set packer.
12. Squeeze holes in casing with Class "B" cement containing 0.4% Halad-9 or equivalent fluid loss additive and 2% CaCl_2 .
13. Unseat packer. Pull up hole 100', reverse out cement. Set packer. Put 1000 psi pressure on squeeze. Leave pressure on squeeze overnight.
14. Repeat steps 9 through 13 as necessary to squeeze all the holes in the casing.
15. Unseat packer. Trip out of hole with tubing and packer. Lay down packer.
16. Pick up 5 1/2" casing scraper and 4 3/4" bit. Trip in hole with bit, casing scraper and tubing to cement top. Drill out cement. Circulate hole clean.
17. Pressure test squeeze to 1000 psi for 15 minutes.
18. Trip out of hole. Lay down bit and casing scraper.
19. Pick up retrieving head. Trip in hole. Retrieve bridge plug. Trip out of hole with tubing and bridge plug. Lay down bridge plug and retrieving head.

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JUN 10 1983

OIL CON. DIV.
DIST. 3

20. Trip in hole with production string to 2050'. Set production string at 2000'.
21. Nipple down BOP. Nipple up wellhead.
22. Swab well back. Return well to sales line.