

HOBBS OFFICE O. C. C.

1. Had casing collapse at 6508' MAR 8 11 46 AM '67
2. Determine free point and pull casing as deep as possible.
3. Replace casing with the following:

7800' - 5500' 4 1/2", 11.6#, P-110, New casing with LT&C
5500' - 4500' 4 1/2", 11.6#, N-80, New casing with LT&C
4500' - 3000' 4 1/2", 11.6#, J-55, New casing with ST&C
3000' - 0' 4 1/2", 10.5#, J-55, New casing with ST&C

4. Land casing, set drillable bridge plug at 8600'. Perforate immediately above cement top and below casing bowl with 4 holes. Set cement retainer on wireline at least 50' above perforations, run tubing and stringer into retainer. Cement casing back to bottom of 7 5/8" casing at 3650' with approximately 1300 sx cement.
5. After WOC 24 hours, test casing.
6. Clean out to original PBTD (9015').
7. Run tubing and packer, set packer at 8700'.
8. Swab production perforations 8972' - 8992' to clean up zone.
9. Acidize if necessary.
10. Recover load and place on production.

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MAR 3 11 45 AM '67

1. New casing collapse at 8500'.
2. Determine free point and pull casing as deep as possible.
3. Replace casing with the following:

7800' - 8500'	4 1/2", 11.60, P-110, New casing with LTC
5500' - 7800'	4 1/2", 11.60, N-80, New casing with LTC
4500' - 5500'	4 1/2", 11.60, J-55, New casing with STC
3000' - 4500'	4 1/2", 10.54, J-55, New casing with STC
4. Land casing, set drillable bridge plug at 8400'. Perforate immediately above cement top and below casing bowl with 4 holes. Set cement retainer on wireline at least 50' above perforations. Run tubing and stringer into retainer. Cement casing back to bottom of 7 5/8" casing at 3650' with approximately 1300 sk cement.
5. After WOC 24 hours, test casing.
6. Clean out to original level (3015').
7. Run tubing and packer, set packer at 8700'.
8. Swap production perforations 8275' - 8395', no clean up zone.
9. Acidize if necessary.
10. Recover loss and place on production.