

# YATES PETROLEUM CORPORATION

Rudolph ATX State #1

Drilling Prognosis

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This well was drilled and abandoned in July/August, 1967. Yates Petroleum Corporation proposes to cleanout to the 7" casing shoe at 4227' with a pulling unit and a reverse unit, test casing and repair as needed. A drilling rig will then be moved in to finish cleaning out to OTD of 11,200' and deepening to 12,500'. The well will be logged and evaluated for Morrow completion. If warranted, 4 1/2", 11.6#, P-110 casing will be run from surface to TD.

1. Dig out cellar and prepare location for pulling and reverse units.
2. Weld head onto 8 5/8" casing.
3. Rig up pulling and reverse units. Install BOP.
4. Drill out 10 sack surface plug and try to load 8 5/8" casing. NOTE: When well was drilling at 7277' a hole in the 8 5/8" casing was located. 1400' is penciled in as depth of hole on original report to NMOCD.
5. If the hole will load, continue in hole with 7 5/8" bit and collars to 30 sack plug at 2500' inside 8 5/8" casing, and drill out plug. If hole will not hold fluid for drilling out plug, it will have to be repaired.
6. Continue in hole until 7", 23# casing stub is encountered. POOH.
7. GBIH with 6 1/8", bit and collars. Try to get into 7" stub. Expect to find casing shot off. If unable to get into stub, will run impression block and dress off as needed.
8. Clean out 7" to 30 sack shoe plug at 4222'. Drill into plug to make sure junk was not dumped on this plug when P&A'ed.
9. Pressure up on casing to 1500 psi. Locate, cement squeeze, drill out and retest any leaks.
10. Rig down pulling and reverse units, and shut-in.
11. Improve location as needed for a drilling rig, rig up and continue cleaning out to OTD of 11,200' and deepen to 12,500'.
12. Log and run 4 1/2" P-110 if casing is warranted. Bring cement top up to approximately 7000'.