7/29/2015

NM Ex State #2(PlugBack Procedure)

Prior to MIRU: Test anchors

Procedure:

- 1. MIRU pulling unit
- 2. Confirm well is on vacuum
- 3. ND WH
- 4. MU 1 jnt 2-7/8" to the 2-7/8" Duoline in well then unseat Pkr and POOH
- 5. Have Duoline tech assist with pulling tubing OOH
- 6. SD for night
- 7. MU WH
- 8. NU BOP and Lubricator to WH and pick up 5-1/2" bridge plug
- 9. Function test BOP to 1000psi
- 10. RIH to Plug depth 10,974' and set BP
- 11. POOH and dump 5 sks sand on plug
- 12. RIH with perf guns .4" dia 2 spf 60 deg phase
- 13. Refer to logs for exact depth of shots from 10,440' 10,464' and shoot perfs
- 14. POOH RDMO WL
- 15. Shut in well and record pressure gauge
- 16. SD for night
- 17. Check pressure gauge on well and document in report
- 18. Rig up BOP to WH for Pulling Unit
- 19. Function Test BOP to 1000psi
- 20. PU 5-1/2" Pkr with 3-1/2" tbg and TIH to Pkr depth at 10,340'
- 21. Set Pkr at 10,340'
- 22. RU acid blender pump trucks and manifold to WH
- 23. Test lines and hold safety meeting
- 24. Pump acid job; record WH pressure and rate for job along with ISIP, 5, 10, 15 min
- 25. Shut in well and RDMO acid Equip
- 26. SDN

Procedure Continued:

- 27. Flow well back to flowback tanks until well dies, haul off fluid and observe for oil cut
- 28. MU 1 jnt 3-1/2" tbg to tbg in well and unseat packer
- 29. POOH and laydown 3-1/2" String
- 30. PU Mud anchor, Mother Hubbard, SN, TAC and RIH with 2-7/8" production tbg
- 31. Set TAC at 10,410'
- 32. PU pump and extra SR, Alan Gower will provide rods.
- 33. Have tech to respace pump
- 34. Put well on production
- 35. Release Rig

Current Wellbore Diagram

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Proposed Wellbore diagram for Completion

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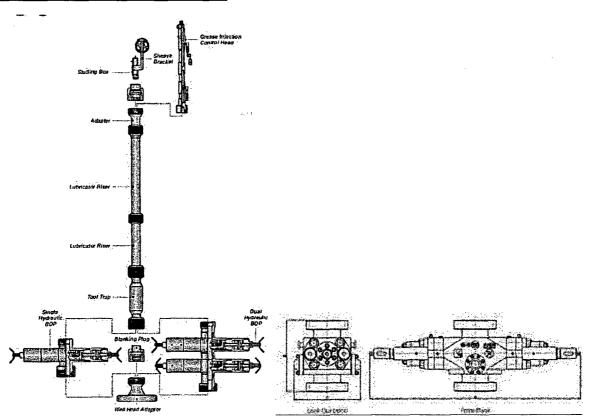
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## Proposed Wellbore diagram for Production

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Proposed Blowout Prevention Program



A 3000 psi BOP nippled up to the 5-1/2" casing will be utilized while perforating and again while running the completion string in the hole. All equipment will be tested to 1000psi before perforating and before opening the well head to run the completion string. The test will be logged in the report.