

HOBBS

393-3612

1. Notify the BLM in ~~Roswell~~, New Mexico at (505)-~~624-1970~~ at least 24 hours prior to commencing plugging operations.
2. Pull test rig anchors per guidelines in Operations Bulletin No.52 (dated 1/25/88) prior to rigging up. Send results and charts to Rosemarie Whitlock in the Midland Office. Install new anchors as needed.
3. MIRU WSU. Check all annuli for pressure. Bleed off pressure from all annuli. Ensure well is dead. POH and lay down rods.
4. Install BOP and test as per company guidelines.
5. PU 2-3/8" tbg and RIH w/ open ended tbg and tag top of cmt at +/- 2965' on top of CIBP at 3000'. Test csg to 500 psi.
6. Displace csg with +/- 70 bbl's 10# BW w/ 20# salt gel/bbl. POH laying down tbg, standing back 1140' of tbg.
7. RU WLSU w/ class II lubricator and test per company guidelines. RIH and perf 5-1/2" csg as listed below. POH w/ WL and tools.

Perforate:

Service Company* _____

Gun Type* HCHE HOLLOW CARRIER HIGH EFFICIENCY

Gun Size 3-1/8 (inches)

Correlation log type _____

Zero pnt _____

Press Diff _____ (psi) when shot underbalanced

Phasing 90 deg

Location _____

Corrected collars _____

Correlation Tie in point _____

top of Interval	Bottom of Interval	Spacing	Shots per ft	Total
<u>1317</u>	<u>1318</u>	_____	<u>4</u>	<u>8</u>

(if spacing = 5 and shots/ft = 2, then every 5 ft shoot 2 holes)
Perforation Depths: (across then down) Shots/ft _____

8. Establish circ down 5-1/2" csg taking returns out 5-1/2" x 7-5/8" ann up to a maximum pressure of 1000 psi.
9. Once circ is established RIH w/ cmt ret and set at 1150'. Squeeze 30 sx of cmt as listed below thru cmt ret taking returns out 5-1/2" x 7-5/8" ann, to cover the 7-5/8" csg shoe. Unsting from ret and dump 5 sx of cmt on top of ret (35 sx total).

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