

CIMARRON ENGINEERING, LLC
API ANTHEM JV PROSPECT
JIM WELLS COUNTY, TEXAS

COMPLETION PLAN

Objective: Complete well in Ben Bolt, W. (4420) Sand.

Well Status: New drill, idle waiting on completion.

Well Data: Surface Casing –	8 5/8” 24# J-55 @ 1,025’
Production Casing –	4 ½” 11.6# J-55 @ 5,339’
Current PBTD –	1,971’ (DV Tool)
	5,294’ (Float Collar)
Proposed Perforations –	4,508’ to 4,516’

Proposed Plan:

Note: Hold safety meeting prior to start of job each day to discuss job procedure and safety hazards. A JSA must be filled out at each safety meeting. Steel toed boots, hard hat, and safety glasses are mandatory wear for every person on location. Office personnel must be contacted immediately if there are any safety hazards, accidents, or change in procedure.

1. Move in backhoe and level location. Weld 4 ½” belled nipple on 4 ½” casing.
2. MIRU workover rig, pump, and OTT. Unload and tally 5,200’ of 2 3/8” 4.7# J-55 8rd tubing. Install 4 ½” Larkin “SR” tubing head on 4 ½” belled nipple. NU BOP. Unload 60 bbls of 2% KCL in OTT.
3. MI Tasco drill collar trailer. RIH with 3 3/4” OD rock bit, bit sub, (4) 3 1/8” drill collars, x-over, and 2 3/8” tubing.

Note: Caliper OD & ID of subs and drill collars.

Note: Drift all tubing with 1.901” OD drift.

Tag DV tool at 1,971’. RU power swivel and establish circulation to screen at OTT. Drill out DV tool and circulate well clean. Work rock bit through DV tool several times to make sure there is no debris left. Continue RIH with rock bit to float collar at 5,294’ and circulate well clean. Displace well with 4% KCL water. POOH standing back +/- 4,450’ of tubing in derrick. Lay down remaining tubing, x-over, drill collars, bit sub, and bit.

Completion Plan

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4. MIRU E-line unit. RIH w/ Gamma Ray – CBL – CCL logging tools and run cement bond log from PBTD of 5,294' to 1,500'. Correlate w/ Baker Hughes open hole log dated 11-26-24. Email cement bond log to office.
5. RIH w/ 4 1/2" ASIX 7K packer, 2 3/8" x 1 25/32" ID seating nipple, and 2 3/8" tubing to depth of +/- 4,450'. Set packer w/ 10,000# compression at +/- 4,450', pull test to 15,000# over. ND BOP and NU 2- 1/16" 5K tree assembly. Swab fluid level down 1,500'. **Note: Check casing collars on CBL log to verify packer is not set in casing collar.**
6. RIH w/ 1 11/16" link jet gun, loaded 6 SPF at 60 degree phasing, and (utilize gamma gun for correlation if necessary) perforate the following interval:

4,508' to 4,516' ELM
7. Record SITP after perforating. POOH w/ wireline.
8. Open well to rig tank and unload (swab if necessary) well on a 10/64" choke. Once load fluid has been recovered report gas, oil and water rates along with the FTP.
9. RDMO workover rig and equipment. Make sure location is clean of all trash.
10. Install production facility and place well on production.