

ConocoPhillips
UTE 7
Expense - P&A

Lat 37° 0' 54.612" N

Long 108° 1' 55.668" W

PROCEDURE

This project requires a COGCC C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all COGCC, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
6. TOOH with tubing (per pertinent data sheet).

Tubing: Yes **Size:** 1-1/2" **Length:** 2452

7. PU casing scraper and 2-3/8" tubing. Round trip casing scrap with 4-1/2" 9.5# K-55 scraper to 2416'. TOOH and LD casing scraper
8. PU and RIH with CR for 4-1/2" 9.5# K-55 casing and set 50' above top perforation @2366'. POOH.
9. Load 4-1/2" casing, pressure test tubing to 1000 psi and pressure test casing to 800 psi. Hold 500 psi of pressure on 4-1/2" casing and run CBL. Contact Production Engineer with results.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

10. Plug 1 (Fruitland Perforation and Formation Top, 2228-2366', 15 Sacks Class B Cement)

Note: CR for 4-1/2" 9.5# K-55 casing is already set at 2366'. Load casing and circulate clean. . Mix 15 sx of Class B cement and spot plug inside casing to isolate the Fruitland Coal perforatons and formation top. POOH

11. Plug 2 (Kirtland and Ojo Alamo Formation Tops, 1030-1265', 113 Sacks Class B Cement)

Perforate 3 HSC holes at 1265'. Establish rate into squeeze holes. RIH and set CR for 4-1/4" 9.5# K-55 casing at 1215'. Mix 113 sx Class B cement; squeeze 91 sx behind 7-5/8" casing and leave 22 sx inside the casing to isolate the Kirtland and Ojo Alamo formation top. POOH.

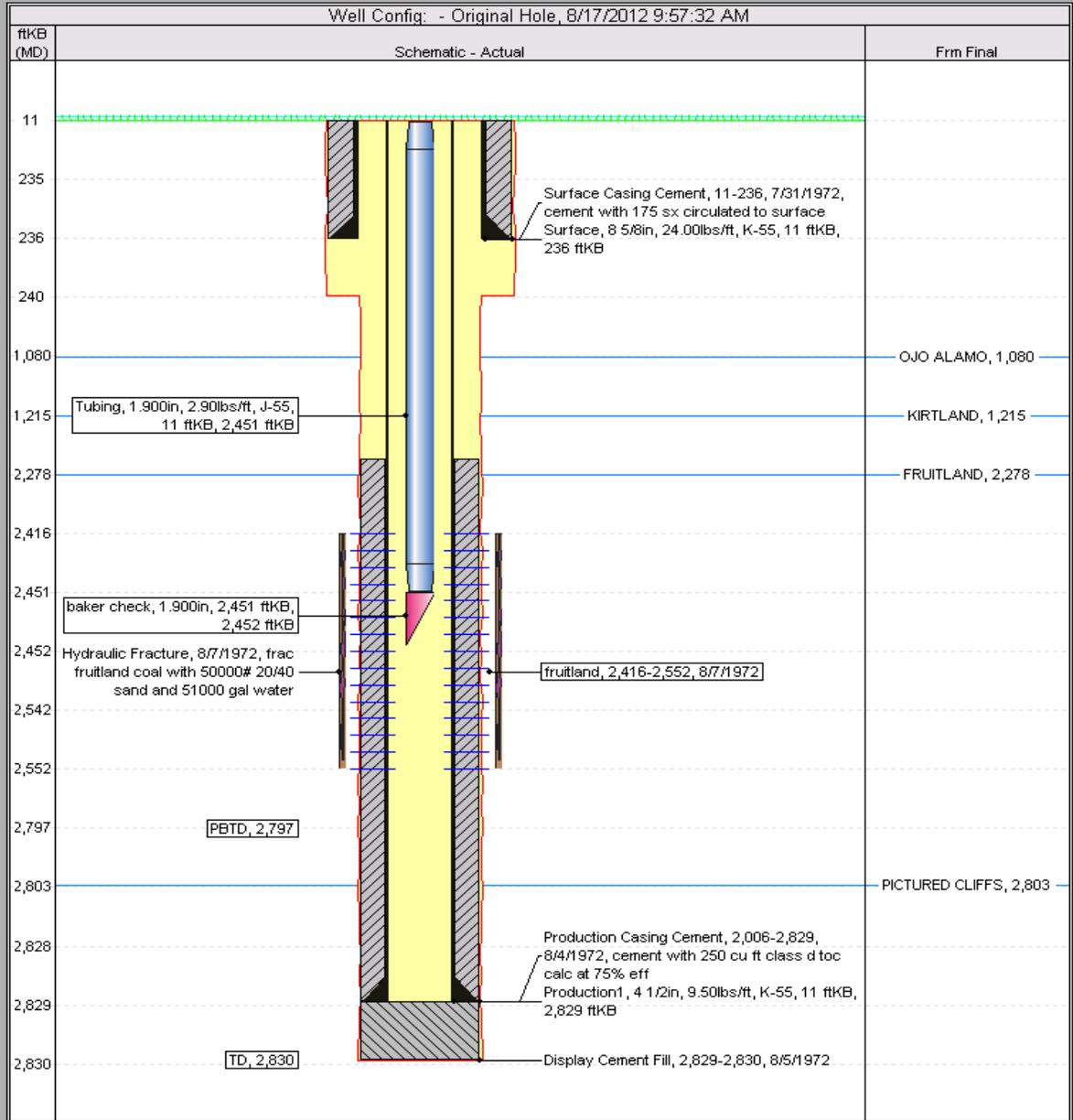
12. Plug 3 (Surface Casing Shoe and Surface Plug, 0-286, 107 Sacks Class B Cement)

Perforate 3 HSC holes at 286'. Establish circulation out of bradenhead with water and circulate BH annuals clean. Mix 107sx Class B cement and pump down production casing to circulate good cement out BH. Shut in well and WOC.

13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

Current Schematic

API/UMI 0506706042	Surface Legal Location NMMPM,015-032N-011W	Field Name FRUITLAND (FRUITLAND PD)	License No.	State/Province COLORADO	Well Configuration Type Edr
Ground Elevation (ft) 6,280.00	Original KB/RT Elevation (ft) 6,291.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



Proposed Schematic

