



1001 17th Street
Suite 1600
Denver, CO 80202
3/23/2020

API:	05-045-16304
Surface Casing:	9 5/8" OD, 8.92" ID, 36 lb/ft, J-55, set at 1,550'.
Production Casing: Hole Size:	4 1/2" OD, 4" ID, 11.6 lb/ft, I-80 set at 7,641' 7 7/8"
TOC:	1,570'
Perfs:	4,240'-7,511' in the Williams Fork formation
Top of Mesa Verde:	4,198'
COGCC Field:	Parachute



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N. Parachute MF04D-9 D09 P&A Procedure

1. Notify the COGCC at least 48 hours before plugging operations commence with a Form 42. Ensure proper ground disturbance forms have been completed, one call for utility identification has been done and proper paperwork is on location.
2. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
3. Record all tubing and casing pressures as found, note in WellView.
4. Perform Bradenhead Test using a Form 17. With gauges monitoring production casing and tubing pressures, open surface casing (bradenhead) valve. Record pressures at five-minute intervals for 30 minutes. Record all pressures and complete Form 17. Return completed Form 17 to Production Engineer.
5. MIRU workover unit. Kill well. ND wellhead, NU BOP.
6. Test and chart BOPs as per regulations. PU and remove tubing hanger.
7. TOO H with 2 3/8" tubing while scanning (per pertinent data sheet). Visually inspect pins and collars for corrosion or scale and report tubing condition in WellView. Lay down and replace any compromised joints of tubing. Note any scale, corrosion, and condition of tubing in WellView.
8. RUWL and RIH with 4 1/2" 11.6# CIBP to 4,190', 50' above top perf at 4,240'. Set CIBP and ROH with wireline.
9. Perform 500 psi pressure test for 15 minutes. If test is not successful, please notify Production Engineer.
10. TIH with 2 3/8" tubing to 4,190'. Mix and pump cement plug of 16 sacks of Class G neat cement (15.8 lb/gal, 1.15 cu-ft/sx) on top of CIBP. Estimated TOC at 3,990' (200' cement cap and 208' above Mesa Verde Group at 4,198').
11. TOO H to 2,045'. Mix and pump cement plug of 12 sacks of Class G neat cement to fill casing with 150' cement plug to cover Wasatch (2,045'). Estimated TOC at 1,895' (150' above Wasatch).
12. TOO H to 1,600'. Mix and pump cement plug of 12 sacks of Class G neat cement to fill casing with 150' cement plug to cover surface casing shoe (1,550'). Estimated TOC at 1,450'. TOO H with 2 3/8" tubing.

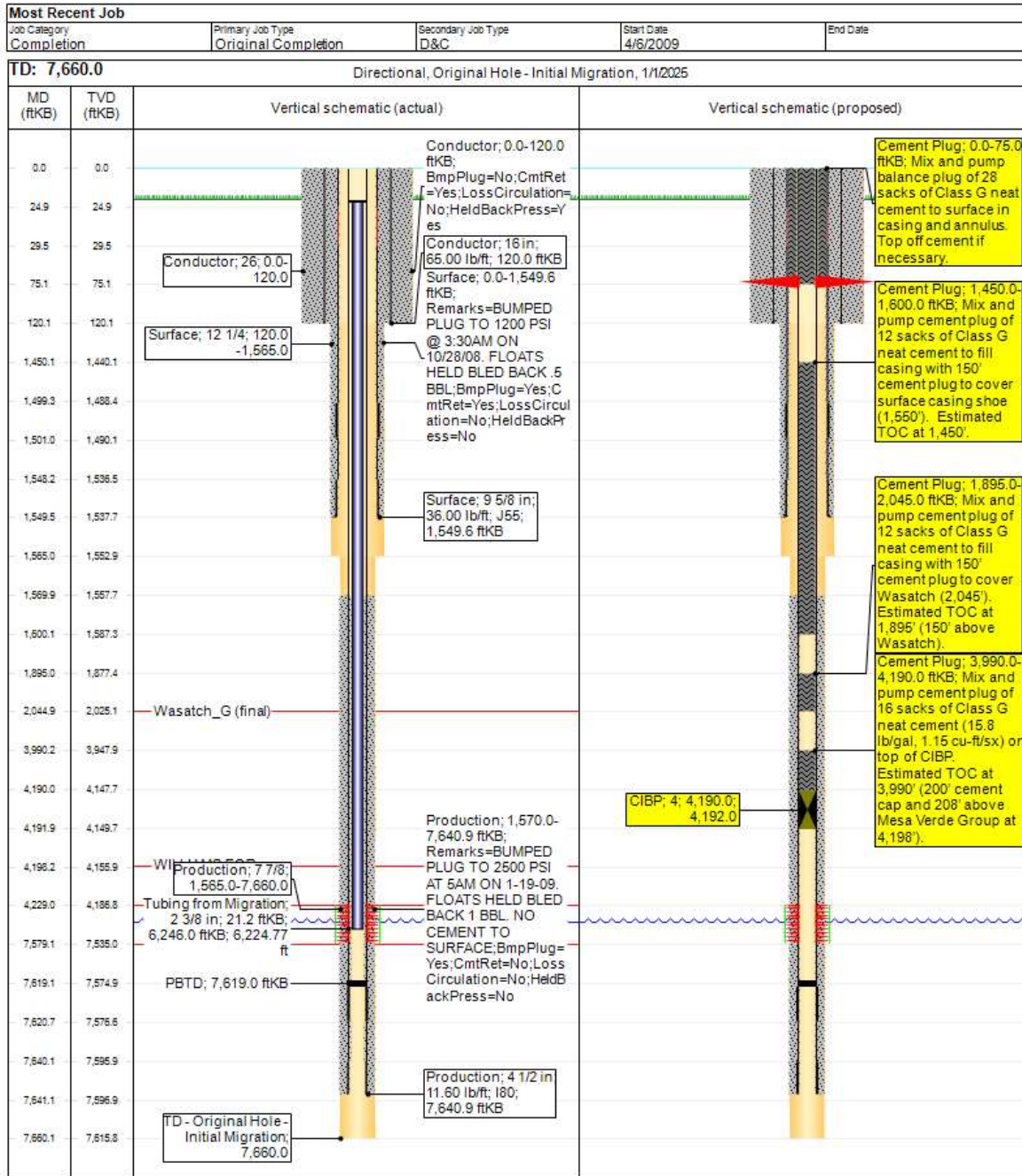


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13. RU wireline. RIH with perf gun to 75' and perforate casing with 4 holes. ROH with wireline.
14. TIH with tubing to 75'. Mix and pump balance plug of 28 sacks of Class G neat cement to surface in casing and annulus. Top off cement if necessary.
15. RDMO workover unit and ND BOP.
16. Dig down around wellhead and cut off 4 feet below ground level. Top off with cement if needed.
17. Weld information plate to casing stub with ¼" weep hole, take GPS readings of well information plate for regulatory agencies. Inscribe information plate with:

Caerus Oil and Gas LLC
Sec 9 T6S R96W MF04D-9 D09A 05-045-16304

18. Back fill hole and release equipment. RDMO



Downhole Well Profile - with Schematic
Well Name: N PARACHUTE MF04D-9 D09A 696

APRIL/MI 05045163040000	Related POC D09A 696	State CO	County GARFIELD	Permit Number
Original Spud Date 10/26/2008 17:00	Total Depth (ft/ft) 7,660.0	PBTD (All) (ft/ft) Original Hole - Initial Migration - 7,619.0	Original KB Elevation (ft) 5,572.57	Ground Elevation (ft) 5,652.89

MD (ft/ft)	V D (ft/ft)	Inc I (ft/ft)	Vertical schematic (actual)	Wellbores																																																																																																							
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