



Well Name: Chevron 23A-7D
County: Garfield

API: 05-045-13970
Field: Grand Valley

WI: 100%
PBTD: 7,738'

Present Condition:

Current Production: 0 gross MCFD
Projected Production: 108 gross MCFD

Surface Csg: 8-5/8" 24# J55 @ 3,092'
Production Csg: **4-1/2" 11.6# M80 @ 7,783'**
ID: 4.000" [3.875" drift]
Burst: 7,780 psi [6,224 psi allowable]
Collapse: 6,360 psi [5,088 psi allowable]
Capacity (no tbg): 0.01550 bbl/ft

Production Tbg: **2-3/8" 4.7# J55 @ 4,486'**
ID: 1.995" [1.901" drift]
Burst: 7,700 psi [6,160 psi allowable]
Collapse: 8,100 psi [6,480 psi allowable]
Tension: 72,000 lbs [57,600 lbs allowable]
Capacity: 0.00387 bbl/ft
Annular Capacity: 0.01006 bbl/ft

KB 14.0'
Tubing Hanger: 0.9'
144 Jts. Tbg: 4,467.1'
Retrieving Tool: 4.1'

Current Completion: Overall (3 spf) 4,874' – 7,356'

Purpose of Rework: Re-enter wellbore to cut and pull leaking casing, replace with new casing and external overshot patch and return to production.

Procedure:

1. Confirm well and flow lines have been tagged out and pressurized lines are isolated or blown down. Review procedure. Conduct safety meeting with all service providers on location, ensuring all proper PPE is worn at all times.
2. MIRU completion rig.
3. Note SI tubing and casing pressures on report. Kill well as necessary. ND wellhead. NU & test BOP.
4. Unland tubing and TOO H w/ 2-3/8" tbg.
5. MU 2-3/8" x 4-1/2" Arrowset packer and RIH with tbg and packer. Set packer at 1,500'. Pressure test down tubing between packer at 1,500' and RBP at 4,772' to 1,000 psi for 10 minutes.
6. Establish circulation down casing through the 4-1/2" and 8-5/8" annulus to ensure free pipe.
7. Release packer and POOH w/ tubing and packer; LD packer.

8. PU casing stub to pull on casing 10,000# for a free point stretch calculation. If casing pulls at least 3 inches, casing is free to a depth of at least 2,500'. Run free point tool on wireline after step #9, if necessary to determine depth of free pipe.
9. MIRU wireline.
10. RIH w/gauge ring to 4,772'. POOH w/ wireline.
11. RIH w/caliper logging tools to 4,772'. Run caliper log from 4,772' to surface. POOH w/caliper logging tools.
12. RIH w/chemical cutting tools and cut 4-1/2" casing at 1,600'. If caliper log shows damage to casing below 1,600', cut casing as necessary.
13. POOH w/ wireline and cutting tools. RDMO wireline.
14. MIRU casing crew and LD machine. POOH w/ 4-1/2" casing.
15. RIH w/ tubing and mill to dress casing stub as necessary. POOH w/ tubing and mill.
16. PU external overshot style casing patch and RIH w/ new 4-1/2" 11.6# N80 casing and patch.
17. Work casing patch over 4-1/2" casing stub and engage casing patch and seals; land casing.
18. Load well and pressure test casing and patch above RBP at 4,772' to 1,500 psi for 10 minutes.
19. RDMO casing crew and LD machine.
20. PU retrieving tool and RIH w/ tubing to 4,772'. Equalize RBP and POOH w/ tubing and RBP.
21. RIH w/ tubing while hydrotesting and repair holes as necessary. Tag fill and land tubing at ~6,850'.
22. ND BOP. NU wellhead. Discuss swabbing strategy and timing with Production Engineer.
23. RDMO. Turn well over to production operations. Production operations to discuss plunger setting with Production Engineer.
 - Expected arrival times:
 - Minimum: 7 min
 - Maximum: 13 min
 - Subject to change based on observed casing and tubing pressures
 - Expected fall times:
 - Minimum: 23 min
 - Maximum 45 min
 - Subject to change based on observed fluid level in tubing

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Emergency Contact Information:

For immediate emergencies call 911.

Caerus Emergency Hotline
(866) 580-9382

Grand Valley Fire Department
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124 Stone Quarry Road
Parachute, CO 81635

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(970) 625-1510
501 Airport Road
Rifle, CO 81650