

**C&J Field Service  
100 Gilliam Draw Road  
Rangely, Colorado.**

**Mailing Address:  
3650 Rio Blanco Co Rd. 2  
970-675-5300**

**Tiaga Mountain 1-29**

**NW/NW – Section 29 – 1N – 103W**

**Federal Lease – COC-47764**

**API: 05-103-09460**

**Lat. 40.032326 / Long. -108.988689**

**Rion Blanco Co. Colorado**

October 14, 2015

Owner / Operator: Curt Dembowski

API Number: 05-103-09460

Spud Date: June 14, 1990

GL Elevation: 5,642 ft

KB Elevation: 5,656 ft

TD: 3,999 ft MD

PBTD:

Surface Casing: 8 5/8" OD, 24 lb/ft, J-55, set at 321 ft.

Surface Casing Properties:	ID:	8.097"
	Drift ID:	7.972"
	Collapse:	1,370 psig
	Burst:	2,950 psig
	Joint Yield Strength:	244,000 lb
	Capacity:	0.0636 BBL/ft
	Capacity 8 5/8" casing x 12 1/4" hole:	0.0735 BBL/ft

Production Casing: 5 1/2" OD, 15.5 lb/ft, J-55, set at 4,010 ft.

Production Casing Properties:	ID:	4.950"
	Drift ID:	4.825"
	Collapse:	4,040 psig
	Burst:	4,810 psig
	Joint Yield Strength:	217,000 lb
	Capacity:	0.0238 BBL/ft
	Capacity 5 1/2" casing x 8 5/8" casing:	0.0343 BBL/ft
	Capacity 5 1/2" casing x 7 7/8" hole:	0.0309 BBL/ft

Tubing: 2 7/8" OD, - 6.5 lb/ft - J-55, set at 3,900 ft

Tubing properties:	ID:	2.441"
	Drift ID:	2.347"
	Coupling OD:	3.668"
	Collapse:	7,680 psig
	Burst:	7,260 psig
	Joint Yield Strength:	99,660 lb
	Capacity:	0.00579 BBL/ft
	Capacity 2 7/8" tubing x 5 1/2" 15.5 lb/ft casing:	0.0158 BBL/ft

TOC: Surface cement at surface (report).  
Production cement at 3,506 ft (report).

Perfs: 3908' to 3952'

## **Objective**

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Plug and abandon the Taiga Mountain Federal 1-29.

### **Background**

The Taiga Mountain Federal 1-29 is a vertical well that was drilled in June 1990. The well has produced a low rate of gas since that time, and a moderate amount of oil. C&J Field Services is no longer interested in producing this well.

### **Safety**

Safety meetings are to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the C&J Field Services daily reports.

### **Regulations**

All verbal notifications and approval from government regulatory agencies will be recorded on the C&J Field Service daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded

## Plug & Abandon Procedure

1. Notify the Meeker BLM office and COGCC at least 48 hours before plugging operations commence.
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. MIRU pulling unit.
4. ND wellhead, NU BOP.
5. TOH with tubing. LD any bad joints.
6. Load hole.
7. RU Wireline
8. RIH with Cement retainer and set at 3,858 ft. ROH with wireline.
9. Pressure test casing to 350 PSI. If casing fails test, Prep to pick up packer to find holes in the casing. If test is good, proceed to Step 10.
10. TIH with tubing and sting into retainer @ 3858'. Mix and pump 15 sacks ( 3 BBL) cement below retainer. Sting out of retainer and pump 10 sacks (2 BBL) cement on top of retainer.
11. TOH.
12. RIH with wireline and shoot perfs @ 470'. ROH with wireline and rig down wireline. These perfs will cover the suspected fresh water sand from 420' to 395'.
13. TIH with tubing to 470 ft.
14. Attempt to establish circulation to surface.
15. Mix & pump cement in the casing annulus and casing to surface.(estimated volume is a total of 140 sacks( 22 BBL; 80 sacks, 16 BBL cement in annulus and 60 sacks, 12 BBL cement in casing.)
16. TOH with tubing
17. Cut off casing 4 ft below ground level and weld on plate.
18. RDMO workover rig.

# Tiaga Mountain 1-29

NW/NW – Section 29 – 1N – 103W

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API: 05-103-09640

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Proposed wellbore  
diagram.



