

# encana™



## **Clyde – State (GOVT.)# 1**

**NW/SE - Section 29 - T9S - R94W**

**Fed. Minerals / FEE surface**

**Fed. Lease- COC-35397**

**API: 05-077-05075**

**Lat. 39.247943 /Long. -107.903008**

**Mesa County, Colorado**

**P&A Procedure**

**August 25, 2014**

Engineer: Tanner Messer

Production Group Lead: Mark Thrush

Western Operations Team Lead: Jeff Balmer

API Number:	05-077-05075	
Spud Date:	April 1, 1963	
GL Elevation:	5769'	
TD:	5825' MD    PBTB 3006. MD	
Surface Casing:	8 5/8" OD, 24 lb/ft, assumed K-55, set at 238' ft.	
Surface Casing Properties:	ID:	8.097"
	Drift ID:	7.972"
	Collapse:	1,370 psig
	Burst:	2,950 psig
	Capacity:	0.0636 BBL/ft
Production Casing:	5 1/2" OD, 15.5 lb, J 55 set at 5786' ft.	
Production Casing Properties:	ID:	4.950"
	Drift ID:	4.653"
	Collapse	4,040 psig
	Burst	4,810 psig
	Joint Yield Strength	248,000 lb
	Capacity:	0.0238BBL/ft
	Capacity 8 5/8" x 5 1/2" casing:	0.0343 BBL/ft
Tubing:	2 3/8" tubing. EOT @ 5700	
Perfs:	Cameo / Mesa Verde - 4687' to 5659'	

## **Objective**

Plug and abandon the Clyde State #1

### **Background**

The Clyde State #1 is a vertical well drilled in April of 1963. The well was originally completed in the Cameo / Mesa Verde and has been awaiting permanent P&A. There is T&A status on this well and now the well has moved on to P&A status.

### **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 EnCana daily completion reports in Well View. Wellsite supervisor is responsible to ensure that all utility one calls and ground disturbance forms are completed and on location for safety review. All JSA, Ground disturbance forms and Utility one call paper work is to be turned in to Parachute safety department at the completion of the job.

### **Regulations**

All verbal notifications and approval from government regulatory agencies will be recorded on the EnCana 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 Grand Jct. BLM and the 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 w/ tubing standing back. Inspect tubing & lay down any bad joints.
6. RU wireline. RIH w/ CIBP & set @ 4637'. ROH w/ wireline.
7. Pressure test casing to 350 lbs. If casing tests continue to stage 8. If not, pick up packer & locate holes in casing.
8. Pick up dump bailer & mix 10 sacks (2 bbls.) cement on top of CIBP @ 4637'. ROH w/ bailer. Lay down bailer, pick up perf gun. RIH w/ perf gun to 288'. Shoot perfs @ 288'. ROH w/ wireline. RD & release wireline.
9. TIH w/ tubing to 288'.
10. Mix & pump 85 sacks (17 bbl's) cement from 288' to surface.
11. TOH w/ tubing. Lay down tubing.
12. ND - BOP & RD rig floor.
13. Dig down around wellhead 4' below ground level. Cut off wellhead & casings. Top off with cement as needed to surface. Install information plate & weep hole & backfill.