

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.
A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

Document Number:
402155197

Date Received:

OGCC Operator Number: 5 Contact Name: David Andrews

Name of Operator: COLORADO OIL & GAS CONSERVATION Phone: (303) 894-2100x5686

Address: 1120 LINCOLN ST SUITE 801 Fax: _____

City: DENVER State: CO Zip: 80203 Email: david.andrews@state.co.us

For "Intent" 24 hour notice required, Name: Stewart, Joseph Tel: (970) 556-1071

COGCC contact: Email: joseph.stewart@state.co.us

API Number 05-067-06232-00

Well Name: ESTER Well Number: 1

Location: QtrQtr: SESE Section: 21 Township: 33N Range: 12W Meridian: N

County: LA PLATA Federal, Indian or State Lease Number: _____

Field Name: RED MESA Field Number: 72890

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.084267 Longitude: -108.148876

GPS Data:
Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other COGCC OWP

Casing to be pulled: Yes No Estimated Depth: 3467

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CARLILE	3014	3030			
DAKOTA	3302	3316			
GALLUP	2594	2622			

Total: 3 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	9+5/8	36	60		60	0	VISU
1ST	8+5/8	7	20	1,400		1,400		
2ND	6+1/4	4+1/2	10.5	3,404	150	3,404	2,255	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3200 with 25 sacks cmt on top. CIPB #2: Depth 2250 with 5 sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 30 sks cmt from 1750 ft. to 1650 ft. Plug Type: STUB PLUG Plug Tagged:
Set 60 sks cmt from 1315 ft. to 1115 ft. Plug Type: CASING Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at 1000 ft. with 50 sacks. Leave at least 100 ft. in casing 950 CICR Depth
Perforate and squeeze at 550 ft. with 50 sacks. Leave at least 100 ft. in casing 500 CICR Depth
Perforate and squeeze at 200 ft. with 75 sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
Set _____ sacks at surface
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. _____ inch casing Plugging Date: _____
of _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

PROCEDURE

1. Notify the COGCC at least 48 hours before plugging operations commence. Ensure proper ground disturbance forms have been completed, one call for utility identification has been done and proper paper work 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. MIRU workover unit. Kill well with produced water if necessary. ND wellhead, NU BOP.
4. TIH with 2 3/8" tubing work string and tag bottom of well at estimated 3,467'. Record tag depth.
5. TOOH with 2 3/8" tubing work string. RU and RIH with wireline and run CBL/CCL on 4 1/2" casing.
6. ROH with wireline and pick up CIBP. TIH with CIBP and set @ 3,200'. Mix and pump 25 sx of cement on top.
7. Pressure test 4 1/2" casing. Record test results. If pressure test fails, run again after step 8.
8. TOOH. TIH with CIBP and set @ 2,250'. Mix and pump 5 sx of cement on top. TOOH.
9. Cut and pull 4 1/2" casing @ ~1,700' (approximate value of cut point is negotiable).
10. TIH and mix and pump 30 sx cement half in and half out of the existing 4 1/2" stub.
10. Move up hole and mix and pump 60 sx cement half above and half below existing 7" casing shoe @ 1,400' (or 1,202').
7. Pressure test 7" casing. Record test results. If pressure test fails, run again after step 13 or until 7" casing holds pressure.
11. RU wireline. RIH with perf gun to 1,000' and perforate casing. ROH with wireline.
12. Open surface casing to tank. Circulate water down casing and up casing-surface casing annulus if possible.
13. TIH with CICR and set @ 950'. Mix and pump 50 sx cement.
14. RU wireline. RIH with perf gun to 550' and perforate casing. ROH with wireline.
15. Open surface casing to tank. Circulate water down casing and up casing-surface casing annulus if possible.
16. TIH with CICR and set @ 500'. Mix and pump 50 sx cement.
17. RU wireline. RIH with perf gun to 200' and perforate casing. ROH with wireline.
18. Open surface casing to tank. Circulate water down casing and up casing-surface casing annulus if possible.
19. Mix and pump 75 sx cement from 200' to surface.
20. Spot cement to surface in 7" casing and annulus between 7" and 9 5/8" casing as necessary.
21. RDMO workover unit and ND BOP. Dig down around wellhead and cut off 4' below ground level.
22. Weld information plate to casing stub with 1/4" weep hole, take GPS readings of well information plate for regulatory agencies. Plate must be labeled with the following:
SESE 21 33N 12W N PM – Ester #1 22 05-067-06232
23. Back fill hole and release all equipment. RDMO.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Shannon Chollett
 Title: OWP Engineer Date: _____ Email: shannon.chollett@state.co.us

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402155317	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)