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Date Received:  
08/10/2011

Document Number:  
2587888

**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.

OGCC Operator Number: 17180 Contact Name: BRIDGET LISENBE  
 Name of Operator: CITATION OIL & GAS CORP Phone: (281) 891-1565  
 Address: PO BOX 690688 Fax: (281) 460-2168  
 City: HOUSTON State: TX Zip: 77269 Email: BLISEN@COGC.COM  
**For "Intent" 24 hour notice required,** Name: QUINT, CRAIG Tel: (719) 767-8939  
**COGCC contact:** Email: craig.quint@state.co.us

API Number 05-017-06743-00 Well Number: 27  
 Well Name: FRONTERA UNIT 22-19  
 Location: QtrQtr: SENW Section: 19 Township: 15S Range: 41W Meridian: 6  
 County: CHEYENNE Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: FRONTERA Field Number: 27870

Notice of Intent to Abandon  Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 38.734327 Longitude: -102.047318  
 GPS Data:  
 Date of Measurement: 05/17/2009 PDOP Reading: 2.5 GPS Instrument Operator's Name: Joseph Dugan  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other FAILED FIVE YEAR MIT  
 Casing to be pulled:  Yes  No Top of Casing Cement: \_\_\_\_\_  
 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| MORROW    | 5154      | 5176      | 12/27/1994     | B PLUG CEMENT TOP   | 5100       |

Total: 1 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        | 13+1/2       | 8+5/8          | 24              | 756           | 350          | 756        | 0          |        |
| 1ST         | 7+7/8        | 5+1/2          | 15.5            | 5,466         | 250          | 5,466      | 4,100      |        |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2090 with 2 sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #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 \_\_\_\_\_ 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:   
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 2039 ft. with 40 sacks. Leave at least 100 ft. in casing 1939 CICR Depth  
Perforate and squeeze at 1443 ft. with 40 sacks. Leave at least 100 ft. in casing 1343 CICR Depth  
Perforate and squeeze at 810 ft. with 50 sacks. Leave at least 100 ft. in casing 700 CICR Depth  
(Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:

Set 20 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: \_\_\_\_\_ Print Name: BRIDGET LISENBE

Title: PERMIT ANALYST Date: 8/3/2011 Email: BLISENBE@COGC.COM

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: SUTPHIN, DIRK Date: 10/5/2011

#### **CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 4/4/2012

Field inspection will be conducted to determine site status.

- 1) Provide 24 hour notice of MIRU to Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) Note changes to form submitted.
- 3) Plug Verification: (a) For plug at shoe – establish returns up surface casing/production casing annulus prior to setting retainer. If returns cannot be established do not use retainer. Tag plug. (b) For 20 sx plug at surface - Fill casing and annulus from 50' up.

### Attachment Check List

| Att Doc Num | Name                        |
|-------------|-----------------------------|
| 2587888     | FORM 6 INTENT SUBMITTED     |
| 2587889     | PROPOSED PLUGGING PROCEDURE |
| 2587890     | WELLBORE DIAGRAM            |

Total Attach: 3 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>      |
|-------------------|---|--------------------------|
| Permit            | Received call from Dirk Sutphin, says engineering okay with this process. BY  | 10/5/2011<br>10:17:01 AM |
| Permit            | Doc.#200309336 a NOAV has been issued and has not been approved at this point. Emailed Bridget Lisenbe for review and clarification on the NOAV. BY   | 10/4/2011<br>1:04:10 PM  |
| Engineer          | 1. Moved proposed plug at 2190' up to 2090' - w/in 50' of proposed perfs at base of CYNN. Purpose of this plug is to force the cement to go out the perfs in case HICs are below that point. There were 3 failed MITs this year April-May.<br>2. #2568859 is for FU (41-13) #12, API#017-06683. | 8/19/2011<br>9:14:16 AM  |

Total: 3 comment(s)