FORM 6 Rev 12/05

# State of Colorado
# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

| DE | ET | OE | ES |
|---|---|---|---|
| | | | |

Document Number: 400617221

Date Received: 05/30/2014

## 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: 53255 Contact Name: Naomi Azulai

Name of Operator: MARALEX RESOURCES, INC Phone: (970) 5634000

Address: P O BOX 338 Fax: (970) 5634116

City: IGNACIO State: CO Zip: 81137 Email: naomi@maralexinc.com

**For "Intent" 24 hour notice required, COGCC contact:** Name: KELLERBY, SHAUN Tel: (970) 285-7235 Email: shaun.kellerby@state.co.us

API Number 05-077-08314-00

Well Name: USA Well Number: 1-17JC

Location: QtrQtr: SWNW Section: 17 Township: 9S Range: 98W Meridian: 6

County: MESA Federal, Indian or State Lease Number: 35257

Field Name: BRONCO FLATS Field Number: 7563

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

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

Latitude: 39.274700 Longitude: -108.358355

GPS Data:

Date of Measurement: 11/16/2010 PDOP Reading: 6.0 GPS Instrument Operator's Name: B.Brandeberry

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☐ Yes ☒ No Estimated Depth:

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 |
|---|---|---|---|---|---|
| DAKOTA | 6720 | 7052 | 08/31/1984 | BRIDGE PLUG | 7005 |

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 | 12+1/4 | 8+5/8 | 24 | 201 | 200 | 201 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,455 | 200 | 7,455 | 6,750 | CBL |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 260 with 16 sacks cmt on top. CIPB #2: Depth 2200 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 _____ 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 6720 ft. with 25 sacks. Leave at least 100 ft. in casing 6700 CICR Depth

Perforate and squeeze at 2183 ft. with 25 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 250 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 10 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:

4 1/2" x 8 5/8" annulus will be filled with cement from 260' to surface with 59 sacks (which were not included in the volume for the CIBP #1 on this form).
CIBP #2 set at 2200' has 5 sacks on top as designated on form and in addition has 10 sacks squeezed through perforations at 2183-2185' which were not included on the volumes on the forms since there was no appropriate field to enter the information.
These details are included on the attached plugging procedure and well bore diagrams.

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

Signed: _____ Print Name: Naomi Azulai

Title: Production Technician Date: 5/30/2014 Email: naomi@maralexinc.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: BURGER, CRAIG Date: 6/16/2014

**CONDITIONS OF APPROVAL, IF ANY:** Expiration Date: 12/15/2014

| COA Type | Description |
|---|---|
| | 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) Check bradenhead pressure and notify COGCC Engineer if pressure is not zero. Following step 8 (pressure test) notify COGCC Engineer if holes in casing are present and what changes to the plugging plan will be made.<br>3) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.<br>4) All plugs must have a minimum of 100' cement left in the casing. For example, cement retainers that are set 50' above squeeze perfs, a minimum of 50' cement must be placed on top of the retainer. Alternatively, the cement retainers may be moved 100' above the perforations with a minimum of 2 sx cement placed on top of the retainer. |

## Attachment Check List

| Att Doc Num | Name |
|---|---|
| 400617221 | FORM 6 INTENT SUBMITTED |
| 400617303 | PROPOSED PLUGGING PROCEDURE |
| 400617304 | WELLBORE DIAGRAM |

Total Attach: 3 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Engineer | CBL indicates perforations at 6720' are above TOC at 6750'.<br>Operator reported in email correspondence on 6/16/14 that there has been no remedial cementing of this well and that checks of the bradenhead pressure have read zero pressure. | 6/16/2014<br>11:02:55 AM |
| Engineer | Received CBL from operator. Added CBL to well file document # is 02597073.<br>Casing tab - changed TOC method to visual for surface string cement and changed weight of first string to 11.6 based on well completion report.<br>Zone tab - changed top perforation to 6720 based on sundry and 3/1986 well completion report.<br><br>Changed 15sx balance plug at 2193' to 25 sx. Use a 25 sx minimum for balanced plugs to allow adequate consistency during mixing. | 6/16/2014<br>10:27:52 AM |
| Permit | Passes Permitting: doc 473524 and 473523 serve as Forms 5 and 5A. CBL is being emailed to Craig Burger by Naomi at Maralex. Form 10 transferring Operatorship from KN Production Company to Maralex Resources Inc received by email 6/10/2014 and is being scanned into record. | 6/10/2014<br>2:11:20 PM |

Total: 3 comment(s)