

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

|    |   |
|----|---|
| 5  | Lease Serial No<br><b>NMNM-23050</b>                              |
| 6  | If Indian, Allottee or Tribe Name                                 |
| 7  | If Unit or CA/Agreement, Name and/or No.                          |
| 8  | Well Name and No<br><b>South Blanco Federal 6-3</b>               |
| 9  | API Well No.<br><b>30-039-22599</b>                               |
| 10 | Field and Pool, or Exploratory Area<br><b>Lybrook Gallup Ext.</b> |
| 11 | County or Parish, State<br><b>Rio Arriba, NM</b>                  |

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

|   |  |
|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other  |  |
| 2. Name of Operator<br><b>Elm Ridge Exploration Company, LLC</b>  |  |
| 3a. Address<br><b>PO BOX 156, Bloomfield, NM 87413</b>  | 3b. Phone No. (include area code)<br><b>505-632-3476</b> |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><b>Sec. 6-T23N-R7W<br/>1740' FNL X 330' FEL, Unit H</b> |  |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION  |
|---|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity  |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other         |
|   | <input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon                     |
|   | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal                                    |

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elm Ridge Exploration Co., LLC has plugged the above well as follows from July 19, 2010 to July 23, 2010: Plug # 1: Pump 36 sks of Type G cement with Halad 9 as retardant and spot balance plug from 5450' KB to 5118' KB. Plug # 2: Land TBG at 5450' KB, pump 30 sks of Type G Neat cement and pump balance plug from 5450' KB to 5197' KB, tag top of cement at 5197' KB lay down 49 joints and land TBG at 2950' KB. Plug # 3: pump 20 sks of Neat cement tag top of plug at 3144' KB. Plug # 4: Pump 12 sks of Type G cement from 2950' KB to 2700' KB. Plug # 5: Pump 12 sks balance plug from 2470' to 2320' KB. Plug # 6: Pump 65 sks of Neat cement from 2049' to 1214' KB, pump 30 sks of Neat cement for plug from 321' to surface. BLM representative Larry Pixley, witnessed plugging operation. RD and move off of location July 26, 2010.

RCVD AUG 2 '10  
OIL CONS. DIV.  
DIST. 3

|  |                              |      |
|--|------------------------------|------|
| 14. I hereby certify that the foregoing is true and correct  |                              |      |
| Name (Printed/Typed)<br><b>Sharla Duggins</b>  | Title<br><b>Production</b>   |      |
| Signature<br>  | Date<br><b>July 27, 2010</b> |      |
| THIS SPACE FOR FEDERAL OR STATE USE  |                              |      |
| Approved by<br>  | Title                        | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  |                              |      |
| Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. |                              |      |

(Instructions on reverse)

ACCEPTED FOR RECORD

JUL 30 2010

FARMINGTON FIELD OFFICE  
Sr -

NMOCD

**HALLIBURTON**

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# **ELM RIDGE EXPLORATION CO LLC - EBUS**

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**Southern Blanco Federal 6-3**

**Rio Arriba County , New Mexico**

**Plug to Abandon Service**

**23-Jul-2010**

**Job Site Documents**

305\*

## Cementing Job Summary

|   |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
|---|-------------------|--|------------|----------------------------|-----------------|------------------------|-------------------|-----------------|--------------|-----------------|---------------|-------|------|-----|------|---|
| Sold To #: 302056                             |                   | Ship To #: 302056                          |            | Quote #:                   |                 | Sales Order #: 7514812 |                   |                 |              |                 |               |       |      |     |      |   |
| Customer: ELM RIDGE EXPLORATION CO LLC - EBUS |                   |  |            | Customer Rep: Barth, Jerry |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Well Name: Southern Blanco Federal            |                   | Well #: 6-3                                |            | API/UWI #:                 |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Field:  |                   | City (SAP): DALLAS                         |            | County/Parish: Rio Arriba  |                 | State: New Mexico      |                   |                 |              |                 |               |       |      |     |      |   |
| Contractor: PPP                               |                   | Rig/Platform Name/Num: PPP 5               |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Job Purpose: Plug to Abandon Service          |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Well Type: Development Well                   |                   | Job Type: Plug to Abandon Service          |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Sales Person: KIDDOO, JUSTIN                  |                   | Srvc Supervisor: WOOD, BRANDON             |            | MBU ID Emp #: 412753       |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Job Personnel                                 |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| HES Emp Name                                  |                   | Exp Hrs                                    | Emp #      | HES Emp Name               |                 | Exp Hrs                | Emp #             |                 |              |                 |               |       |      |     |      |   |
| BRUN, JUSTIN M                                |                   |  | 459269     | JONES, DAVID Michael       |                 | 15                     | 409749            |                 |              |                 |               |       |      |     |      |   |
| WOOD, BRANDON M                               |                   | 15   | 412753     | YOUNG, JEREMY R            |                 |                        | 418013            |                 |              |                 |               |       |      |     |      |   |
| LAMBSON, NATHANIEL A                          |                   | 15   | 343100     |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Equipment                                     |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| HES Unit #                                    |                   | Distance-1 way                             | HES Unit # |                            | Distance-1 way  | HES Unit #             |                   | Distance-1 way  |              |                 |               |       |      |     |      |   |
| 10025104                                      |                   | 59 mile                                    | 10829466   |                            | 59 mile         | 10871245               |                   | 59 mile         |              |                 |               |       |      |     |      |   |
| 11360881                                      |                   | 59 mile                                    |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Job Hours                                     |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Date  | On Location Hours | Operating Hours                            | Date       | On Location Hours          | Operating Hours | Date                   | On Location Hours | Operating Hours |              |                 |               |       |      |     |      |   |
|   |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| TOTAL   |                   | Total is the sum of each column separately |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Job   |                   |  |            | Job Times                  |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Formation Name                                |                   |  |            | Date                       |                 | Time                   |                   | Time Zone       |              |                 |               |       |      |     |      |   |
| Formation Depth (MD)                          |                   | Top  | Bottom     | Called Out                 |                 | 21 - Jul - 2010        |                   | 09:00           |              | CST             |               |       |      |     |      |   |
| Form Type                                     |                   | BHST                                       |            | On Location                |                 | 21 - Jul - 2010        |                   | 12:40           |              | CST             |               |       |      |     |      |   |
| Job depth MD                                  |                   | 5450. ft                                   |            | Job Depth TVD              |                 | 5348. ft               |                   | Job Started     |              | 21 - Jul - 2010 |               | 14:14 |      | CST |      |   |
| Water Depth                                   |                   | Wk Ht Above Floor                          |            | 4. ft                      |                 | Job Completed          |                   | 23 - Jul - 2010 |              | 13:20           |               | MST   |      |     |      |   |
| Perforation Depth (MD)                        |                   | From                                       | To         | Departed Loc               |                 | 23 - Jul - 2010        |                   | 14:30           |              | MST             |               |       |      |     |      |   |
| Well Data                                     |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Description                                   | New / Used        | Max pressure psig                          | Size in    | ID in                      | Weight lbm/ft   | Thread                 | Grade             | Top MD ft       | Bottom MD ft | Top TVD ft      | Bottom TVD ft |       |      |     |      |   |
| 5 1/2" Production Casing                      | Unknown           |  | 5.5        | 5.012                      | 14.             |                        |                   | .               | 5450.        |                 |               |       |      |     |      |   |
| 2 3/8" Tubing                                 | Unknown           |  | 2.375      | 1.995                      | 4.6             |                        |                   | .               | 5450.        |                 |               |       |      |     |      |   |
| Sales/Rental/3 <sup>rd</sup> Party (HES)      |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Description                                   |                   |  |            |                            |                 | Qty                    | Qty uom           | Depth           | Supplier     |                 |               |       |      |     |      |   |
| SUGAR, GRANULATED, IMPERIAL                   |                   |  |            |                            |                 | 200                    | LB                |                 |              |                 |               |       |      |     |      |   |
| Tools and Accessories                         |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Type  | Size              | Qty  | Make       | Depth                      | Type            | Size                   | Qty               | Make            | Depth        | Type            | Size          | Qty   | Make |     |      |   |
| Guide Shoe                                    |                   |  |            |                            | Packer          |                        |                   |                 |              | Top Plug        |               |       |      |     |      |   |
| Float Shoe                                    |                   |  |            |                            | Bridge Plug     |                        |                   |                 |              | Bottom Plug     |               |       |      |     |      |   |
| Float Collar                                  |                   |  |            |                            | Retainer        |                        |                   |                 |              | SSR plug set    |               |       |      |     |      |   |
| Insert Float                                  |                   |  |            |                            |                 |                        |                   |                 |              | Plug Container  |               |       |      |     |      |   |
| Stage Tool                                    |                   |  |            |                            |                 |                        |                   |                 |              | Centralizers    |               |       |      |     |      |   |
| Miscellaneous Materials                       |                   |  |            |                            |                 |                        |                   |                 |              |                 |               |       |      |     |      |   |
| Gelling Agt                                   |                   |  | Conc       |                            | Surfactant      |                        |                   | Conc            |              | Acid Type       |               |       | Qty  |     | Conc | % |
| Treatment Fld                                 |                   |  | Conc       |                            | Inhibitor       |                        |                   | Conc            |              | Sand Type       |               |       | Size |     | Qty  |   |

# **HALLIBURTON**

## *Cementing Job Summary*

| Stage/Plug #: 1                          |             |  |        | Fluid Data                        |                        |                           |                  |              |                        |  |  |
|--|-------------|--|--------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|--|--|
| Fluid #                                  | Stage Type  | Fluid Name   | Qty    | Qty uom                           | Mixing Density lbm/gal | Yield ft <sup>3</sup> /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |  |  |
| 1  | PLUG CEMENT | CMT - PREMIUM - CLASS G, 94 LB SK (100003685)                  | 18     | sacks                             | 15.8                   | 1.15                      | 4.98             | 3.0          | 4.98                   |  |  |
|  |             | 94 lbm CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685) |        |                                   |                        |                           |                  |              |                        |  |  |
|  |             | 0.2 % HALAD(R)-9, 50 LB (100001617)                            |        |                                   |                        |                           |                  |              |                        |  |  |
|  |             | 4.975 Gal FRESH WATER  |        |                                   |                        |                           |                  |              |                        |  |  |
| 2  | Plug Cement | CMT - PREMIUM - CLASS G, 94 LB SK (100003685)                  | 202.0  | sacks                             | 15.8                   | 1.15                      | 4.99             | 3.0          | 4.99                   |  |  |
|  |             | 94 lbm CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685) |        |                                   |                        |                           |                  |              |                        |  |  |
|  |             | 4.989 Gal FRESH WATER  |        |                                   |                        |                           |                  |              |                        |  |  |
| Calculated Values                        |             | Pressures  |        | Volumes                           |                        |                           |                  |              |                        |  |  |
| Displacement                             |             | Shut In: Instant   |        | Lost Returns                      |                        | Cement Slurry             |                  | Pad          |                        |  |  |
| Top Of Cement                            |             | 5 Min  |        | Cement Returns                    |                        | Actual Displacement       |                  | Treatment    |                        |  |  |
| Frac Gradient                            |             | 15 Min   |        | Spacers                           |                        | Load and Breakdown        |                  | Total Job    |                        |  |  |
| Rates                                    |             |  |        |                                   |                        |                           |                  |              |                        |  |  |
| Circulating                              |             | Mixing   |        | Displacement                      |                        | Avg. Job                  |                  |              |                        |  |  |
| Cement Left In Pipe                      |             | Amount ID ft   | Reason | Shoe Joint                        |                        |                           |                  |              |                        |  |  |
| Frac Ring # 1 @                          | ID          | Frac ring # 2 @  | ID     | Frac Ring # 3 @                   | ID                     | Frac Ring # 4 @           | ID               | ID           |                        |  |  |
| The Information Stated Herein Is Correct |             |  |        | Customer Representative Signature |                        |                           |                  |              |                        |  |  |