

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM 88210

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

NM-8431

## SUNDRY NOTICES AND REPORTS ON WELLS

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

## SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2 Name of Operator  
Armstrong Energy Corporation3a Address  
P.O. Box 1973, Roswell, NM 88202-19733b Phone No. (include area code)  
575-625-2222

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL &amp; 660' FEL, Sec 7, T10S, R26E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8 Well Name and No.  
Ross Federal #59. API Well No  
30-005-6362110. Field and Pool, or Exploratory Area  
Foor Ranch; Wolfcamp11. County or Parish, State  
Chaves, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 Operation (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 recompleat 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 recompleat 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.)

Notify BLM 24 hrs. prior to starting operations.

1. Set CIBP at 5000' and dump 35' of cement on top of plug (Perfs 5030-34').  
2. Cut casing at 3990' (TOC @ 3995').  
3. Circulate hole with 9.5 PPG, 35 vis mud.  
4. Spot 50 sx. Class "C" cement plug, 100', 4040-3940'. WOC 2 hrs. and tag plug.  
5. Spot 100 sx. Class "C" cement plug 2052-1800' (Top Glorieta 2002'). WOC 2 hrs. and tag plug.  
6. Spot 40 sx. Class "C" cement plug 1198-1098', 100' (8 5/8" shoe at 1148'). - Tag  
7. Spot 35 sx. Class "C" cement plug 430-330'. - Tag  
8. Spot 35 sx. Class "C" cement surface plug 60'-0'.  
9. Cut off wellhead and install dry hole marker.  
10. Cut off anchors and clean location.  
11. Remove caliche and reseed road and location.  
12. Notify BLM for final inspection.

RECEIVED

NOV 15 2011

NMOCD ARTESIA

APPROVED FOR 3 MONTH PERIOD  
ENDING FEB 07 2012

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Bruce A. Stubbs

Title Vice President - Operations

Signature

Date

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date

NOV 07 2011

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.

Office ROSWELL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

QUEEN 380'  
PENROSE 450'  
GRAYBURG 621'  
SAN ANDRES 883'

EXISTING

GLORIETA 2002'

TUBB 3499'

ABO 4244'

WOLFCAMP 4924'

PENN LIME 5480'

STRAWN 5617'  
GRANITE WASH 5658'

12 1/4" HOLE

8 5/8"-24 #/FT CASING  
SET @ 1148'  
CEMENTED W/ 300 SX HLPP + 200 SX PP, CIRC

ARMSTRONG ENRGY CORPORATION

ROSS FEDERAL #5  
660'FSL & 660' FEL  
SECTION 7-T10S-R26E  
CHAVES COUNTY, NEW MEXICO

API No.: 30-005-63621

SPUD DATE: 11-4-2003

7 7/8" HOLE

TOC @ 3995'

5030-5034' W/ 4 JSPF  
CIBP @ 5230' W/ 35' CEMENT  
WOLFCAMP 5277-5280'

5 1/2"-15 5 #/FT CASING  
SET @ 5740'  
CEMENTED W/ 310 SX CLASS "H", TOC @ 3995'

SPOT 35 SX PLUG  
60'-SURFACE

SPOT 35 SX PLUG  
330-430'

SPOT 40 SX PLUG  
1198-1098' SHOE PLUG

SPOT 100 SX PLUG  
1800-2052'

CUT CASING @ 3990'  
SPOT 50 SX PLUG 4040-3940'

CIBP @ 5000' W/ 35' CEMENT

PROPOSED

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 West Second Street**  
**Roswell, New Mexico 88201**  
**(575) 627-0272**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.