

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM 88210

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

## 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 88203b Phone No. (include area code)  
575-625-2222

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

1250' FNL &amp; 990' FEL, Sec 7, T10S, R26E

NM-8431

6 If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Ross Federal #4

9 API Well No.

30-005-63604

10 Field and Pool, or Exploratory Area

Foor Ranch; Wolfcamp

11 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 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 recompletable 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 recompletable 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 5200' and dump 35' of cement on top of plug (Perfs 5241-74').
2. Cut casing at 3800' (TOC @ 3830').
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 2000-1800' (Top Glorieta 1968'). WOC 2 hrs. and tag plug.
6. Spot 40 sx. Class "C" cement plug 1150-1050', 100' (8 5/8" shoe at 1097'). - Tag
7. Spot 35 sx. Class "C" cement plug 400-300'. - 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.

APPROVED FOR 3 MONTH PERIOD  
ENDING FEB 07 201214. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Bruce A. Stubbs

Title Vice President - Operations

Signature

Date

10-20-11

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 346'  
PENROSE 420'

GRAYBURG 586'

SAN ANDRES 847'

GLORIETA 1968'

TUBB 3466'

ABO 4206'

WOLFCAMP 4887'

PENN 5447'  
STRAWN 5580'  
GRANITE WASH 5628'

ALL CEMENT CLASS "C"

12 1/4" HOLE

8 5/8"-24 #/FT., J-55, ST&C, @ 1097'  
300 SX HLPP + 200 SX. CLASS "C"  
CIRC. 50 SX.

ARMSTRONG ENERGY CORP.

ROSS FEDERAL #4  
SEC. 7-T10S-R26E  
1250' FNL & 990' FEL  
CHAVES COUNTY, NM

SPUD DATE: 9-17-03

API No.: 30-005-63604

7 7/8" HOLE

CIRCULATE CASING AND HOLE  
WITH 35 VIS, 9.5 PPG MUD

TOC @ 3830'

CUT CASING @ 3800'  
SPOT 50 SXS. PLUG 3750-3850'

ABO 4514-25', 11% POROSITY  
ABO 4572-80', 13% POROSITY

AS-10K PACKER @ 5205'  
5241-5247'

CIBP @ 5200', DUMP 35'  
OF CEMENT ON TOP OF  
CIBP

5 1/2"=15 5 #/FT., K-55, 8 RD, LT&C @ 5719'  
300 SX CLASS "C"  
TOC @ 3830'

SPOT 35 SXS.  
0-60'

SPOT 35 SXS.  
300-400'

SPOT40 SXS.  
1050-1150'

SPOT 100 SXS.  
1800-2000'

**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.