

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010**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.**5 Lease Serial No  
NM-58803  
6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8 Well Name and No.  
Cobra Federal #2

2 Name of Operator

Armstrong Energy Corporation

9 API Well No.  
30-005-63735

3a Address

P O Box 1973  
Roswell, Nm 88202-1973

3b Phone No (include area code)

(575) 625-2222

10 Field and Pool or Exploratory Area  
Comanche Draw

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

1710' FSL &amp; 950' FWL, SECTION 19, T11S, R27E

11 Country or Parish, State  
Chaves County, NM

## 12. CHECK THE 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection )

- Set CIBP @ 6150', dump 35' of cement on top of plug.
- Circulate hole with 9.5 PPG mud.
- Spot 25 sx, plug @ 5200', 200' plug, across Abo perms.
- Spot 25 sx, plug @ 2341', 200' plug, across Glorieta top @ 2241'
- Spot 25 sx, plug @ 1177', 200' plug, across 8-5/8" shoe @ 1077'.
- Perforate 5-1/2" casing at 500'. (TOC)
- Break circulation, spot 50 sx, plug inside and outside of 5-1/2" casing.
- Spot 60' surface plug.
- Install Dry Hole Marker, clean location, remove anchors, remove caliche from road and location, rip location and road, turn and disc.
- Reseed location with SD-3 BVP Upland seed mixture using a drill equipped planter
- Notify BLM for final inspection.

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

Bruce A. Stubbs

Title Vice President-Operations

Signature

Date 06/23/2009

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date

AUG 25 2009

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

BOWERS 426'  
QUEEN 529'  
PENROSE 600'

SAN ANDRES 1078'

GLORIETA 2241'  
YESO 2308'

TUBB 3708'

ABO 4516'

WOLFCAMP 5246'

PENN 5836'  
STRAWN 5976'

ORDOVICIAN 6124'

TOC @ 55'

12 1/4" HOLE  
TOC @ 500'

8 5/8"-24 #/FT. @ 1077'  
CEMENT W/ 660 SX  
100 SX HLC W/ 20#/SX TUFF FIBER, 1/2 #/SX FLOCELE, 7 # GILSONITE  
360 SX HLC W/ 1/4 #/SX FLOCELE  
200 SX PREMIUM PLUS W/ 2% CaCl

TAGGED TOC @ 55'

EXISTING WELLBORE ————— PROPOSED PLUGGED WELLBORE

ARMSTRONG ENERGY CORPORATION  
COBRA FEDERAL #2  
1710' FSL & 950' FWL  
SEC. 19-T11S-R27E  
CHAVES COUNTY, NM

API No.: 30-005-63735  
LEASE No.: NM-58803  
SPUD DATE: 3-14-2005

7 7/8" HOLE

5168-74' & 5178-82', 22 SHOTS, BASAL ABO

6178-6182', 8 SHOTS, FUSSELMAN

T D. @ 6311'  
5 1/2"-15.5 & 17 #/FT, J-55  
CEMENT W/ 890 SX  
550 SX INTERFILL "C"  
340 SX SUPER "H" W/ .5% LAP-1, .25% D-AIR, 4% CFR-3, 3 #/SX SALT  
TOC EST. @ 500'

60' SURFACE PLUG

25 SX PLUG 550-450'  
CUT CASING @ 500'

25 SX PLUG 1177-977'

25 SX PLUG 2341-2124'

25 SX PLUG @ 5200'-5000'

CIBP @ 6150' W/ 35' OF CEMENT ON TOP

LOAD HOLE  
WITH  
9.5 PPG  
MUD

## **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, 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.**

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 call (575) 627-0205 or after office hours call (575) 910-6024. 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.