

# RECEIVED

Form 3160-5  
(August, 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

Bureau of Land Management  
Farmington Field Office

## 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 page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION COMPANY

3a. Address

1050 17TH STREET, SUITE 500  
DENVER, CO 80265

3b. Phone No. (include area code)

(303) 672-6900

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

Lat.

NE NW 1009' 1813' 18 T 27N R 10W Long.  
FNL FWL

Lease Serial No.

SF-077875-A

6. If Indian, Allottee, or Tribe Name

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

8. Well Name and No.

U. S. ARGO #3

9. API Well No

30-045-25421

10. Field and Pool, or Exploratory Area

PICTURED CLIFFS

11. County or Parish, State

SAN JUAN NEW MEXICO

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-off

☒ Subsequent Report

☐ Altering Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☒ Plug and abandon

☐ Temporarily Abandon

☐ Final Abandonment Notice

☐ Convert to Injection

☐ Plug back

☐ 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration & Production Company plugged and abandoned the U. S. Argo #3 well on 7/29/09 as described in the attached operations summary and wellbore diagram.

If you have any questions or concerns, please contact Sarah Boxley at (303) 672-6916.

RCVD AUG 21 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Sarah Boxley

Title

Permit Agent

Signature

Date

8/18/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make 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)

ACCEPTED FOR RECORD

AUG 20 2009

FARMINGTON FIELD OFFICE

**A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

Questar Exploration & Production Company

August 3, 2009

**U. S. Argo #3,**

Page 1 of 1

1009' FNL & 1813' FWL, Section 18, T-27-N, R-10-W

San Juan County, NM

Lease Number: SF-077875A

**Plug and Abandonment Report**

API #30-045-25421

**Plugging Summary:**

07/28/09 MOL and RU. Check well pressure: tubing and casing, 32 PSI; bradenhead, 10 PSI with 1-1/2 gpm water flow. Blow well down. ND wellhead. NU BOP, test. TOH and LD 49 joints 1" IJ tubing. Change over for 1.25" tubing. Round trip 2.25" gauge ring to 1560'. RIH with 2.875" wireline set CIBP and set at 1547'. TIH with 1.25" A-Plus tubing workstring and tag CIBP at 1547'. Load hole with 8 bbls of water. Circulate well clean with 1 additional bbl of water. Pressure test casing, slight leak. RU isolation valve. Circulate 5 bbls of water to pit. Pressure test casing to 800 PSI, held OK.

**Plug #1** with CIBP at 1547', spot 11 sxs Class B cement (12.98 cf) inside casing above CIBP up to 1149' to isolate the Pictured Cliffs interval and cover the Fruitland top.

PUH to 744'. Load casing with 1 bbl of water.

**Plug #2** spot 9 sxs Class B cement (10.62 cf) inside casing from 744' up to 418' to cover the Kirtland and Ojo Alamo tops.

TOH and LD all tubing. Perforate 3 bi-wire shots at 142'. Load hole with 10 bbls of water and establish rate 2 bpm at 300 PSI. SI well. SDFD.

07/29/09 Check well pressure: casing and bradenhead, 8 PSI with water flow. ND BOP. Load hole with 5 bbls of water. Establish rate 2 bpm at 300 PSI. Pre-mix 10 bbls 2% CaCl<sub>2</sub>.

**Plug #3** mix and pump 80 sxs Class B cement (94.4 cf) with 2% CaCl<sub>2</sub> from 142' to surface, circulate good cement returns out casing and bradenhead valves.

Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at surface.

Mix 10 sxs Class B cement and install P&A marker. Cut off anchors.

RD. MOL.

John Hangstrom and Steve Stromberg, BLM representatives, were on location.

# U.S. Argo #3

## Final P&A

Fulcher-Kutz Pictured Cliffs

1009' FNL & 1813' FWL, Section 18, T-27-N, R-10-W, San Juan County, NM

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_ / API 30-045-25421

Today's Date: 8/18/09  
Spud: 8/30/82  
Comp: 10/23/82  
Elevation: 5824' GL

8.75" Hole

Ojo Alamo @ 555'

Kirtland @ 675'

Fruitland @ 1268'

Pictured Cliffs @ 1589'

5.125" Hole

1800' TD  
1755' PBTD

TOC @ Surface, circulated  
per completion report.  
7" 24#, K-55 Casing set @ 92'  
Cement with 50 sxs, circulated to surface

Plug #3: 142' – 0'  
Class B cement, 80 sxs

Plug #2: 744' – 418'  
Class B cement, 9 sxs

Plug #1: 1547' – 1149'  
Class B cement, 11 sxs

Set CIBP @ 1547'

Pictured Cliffs Perforations:  
1598' – 1627'

2.875" 6.5#, N-80 Casing @ 1785'  
Cement with 250 sxs (347 cf)  
Circulated to Surface