

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED

2003 SEP 22 PM 12:08

070 Farmington, NM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.  
NMNM-6682

6. If Indian, Allottee or Tribe Name

N/A

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

N/A

8. Well Name and No.

FEDERAL B #24

9. API Well No.

30-043-20932

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County, Parish, State

Sandoval County, NM

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL GAS  
☒ WELL ☐ WELL ☐ OTHER

2. NAME OF OPERATOR

QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

1050 17th Street, Suite 500, Denver, CO 80265 303-672-6900

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

340' FSL, 1970' FEL; SW SE Sec. 22, T23N, R7W NMPM

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

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<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.)

The subject well was plugged and abandoned per attached report.

8/12/03

cc: file, Nelsen, Milligan

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

Gary L. Ohlman

Title Sr. Petroleum Engineer

Signature

Date September 18, 2003

(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.

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.

FOR RECORD

SEP 25 2003

BLM FIELD OFFICE

NMOCB

Questar Exploration and Production Company  
**Federal B #24**  
340' FSL & 1970' FEL, Section 22, T-23-N, R-7-W  
Sandoval County, NM  
Lease Number: NMNM-6682, API #30-043-20932

August 13, 2003  
Page 1 of 1

## **Plug & Abandonment Report**

### **Cementing Summary:**

**Plug #1** with retainer at 5621', spot 35 sxs cement inside casing above retainer up to 5148' to isolate the Gallup perforations.

**Plug #1a** with retainer at 5485', spot 16 sxs cement inside casing above retainer up to 5269' to isolate Gallup interval.

**Plug #2** with 12 sxs cement inside casing from 3853' to 3691' to cover Mesaverde top.

**Plug #3 & #4** with 60 sxs cement inside casing from 2351' to 1540' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

**Plug #5** with 46 sxs cement inside casing from 489' to surface, circulate good cement out casing valve to cover the Nacimiento top and the surface casing shoe.

### **Plug and Abandonment Summary:**

Notified BLM on 8/07/03

8/07/03 Road cement equipment to location. Rig unable to make hill. Wait on motor grader to repair road. MOL and RU. SDFD.

8/11/03 Held Safety Meeting. Check well pressures: casing 420#, tubing 40# and bradenhead 0#. Blow well down. Kill well with 30 bbls of water. Pump ½ bbl of water down bradenhead and pressured up to 300#, held OK. ND wellhead. NU BOP and test. TOH and tally 178 joints 2-3/8" EUE tubing, total 5812'. TIH and set 4-1/2" DHS cement retainer at 5621'. Load tubing with water and pressure test to 500#. Sting out of retainer. Setting tool acted like the casing is bad where retainer was set. Load and circulate well clean with 135 bbls of water. Attempt to pressure test casing, leak 1-1/4 bpm at 400#. S. Mason, BLM, required WOC on plug #1. Plug #1 with retainer at 5621', spot 35 sxs cement inside casing above retainer up to 5148' to isolate the Gallup perforations. Pump 22 bbls of water and regained circulation again to surface. PUH to 4800' and WOC. Shut in well. SDFD.

8/12/03 Held Safety Meeting. TIH and stack out on CR at 5621', no cement. S. Mason, BLM, approved setting 2<sup>nd</sup> cement retainer 120' above existing one. TOH with tubing. TIH and set 4-1/2" Baker cement retainer at 5485'. Sting out of retainer and circulate well clean. Pressure test casing to 500# for 5 min. Plug #1a with retainer at 5485', spot 16 sxs cement inside casing above retainer up to 5269' to isolate Gallup interval. PUH to 3853'. Plug #2 with 12 sxs cement inside casing from 3853' to 3691' to cover Mesaverde top. PUH to 2351' and combine plugs #3 and #4. Plug #3 and #4 with 60 sxs cement inside casing from 2351' to 1540' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 489'. Plug #5 with 46 sxs cement inside casing from 489' to surface, circulate good cement out casing valve to cover the Nacimiento top and the surface casing shoe. TOH and LD tubing. ND BOP and flange. Dig out wellhead. Cut off wellhead and found cement at surface in casing and annulus. Mix 20 sxs cement to install P&A marker. RD and MOL. M. Kecman, BLM representative and J. Dobson, Questar representative were on location.