

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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2003 SEP 22 PM 12:09

070 Farmington, NM

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: November 30, 2000

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

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)

2035' FNL, 950' FEL; SW SE NE, Sec. 21, T23N, R7W

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.

8/20/03

cc: file, Nelsen, Milligan

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

Gary L. Ohlman

Title

Sr. Petroleum Engineer

Signature

Gary Ohlman

Date

September 18, 2003

(This space for Federal or State office use)

Approved by

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

Office

ED FOR RECORD

SEP 25 2003

FILED 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.

NMOC

Questar Exploration and Production Company
Federal B #20
2035' FNL & 950' FEL, Section 21, T-23-N, R-7-W
Sandoval County, NM
Lease Number: NMNM-6682, API #30-043-20919

August 21, 2003
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Plug & Abandonment Report

Cementing Summary:

- Plug #1** with retainer at 5564', spot 24 sxs cement inside casing above retainer to 5240' to isolate Gallup perforations.
- Plug #2** with 12 sxs cement inside casing from 3818' to 3656' to cover Mesaverde top.
- Plug #3 & #4** with 61 sxs cement inside casing from 2337' to 1513' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.
- Plug #5** with 93 sxs cement: 1st mix and pump 40 sxs cement to fill inside 4-1/2" casing from 428' to surface (cover Nacimiento top and 8-5/8" casing shoe); 2nd circulate good cement returns out the casing valve; 3rd second close casing and open bradenhead valve; 4th squeeze 53 sxs cement into BH annulus from 180' to surface, with good cement returns out bradenhead.

Plug and Abandonment Summary:

Notified BLM on 8/18/03

8/18/03 MOL, RU. Layout relief lines to pit. SDFD.

- 8/19/03 Held Safety Meeting. Blow down 500# casing pressure. Kill well with 25 bbls of water. Pump 8 bbls of water into bradenhead annulus, no test. Note: water leaking out packing in 8-5/8" casing at 100#. Calculate BH annulus TOC at approximately 180'. ND wellhead. NU BOP and test. TOH and tally 178 joints 2-3/8" EUE tubing, total 5858'. TIH and set 4-1/2" DHS cement retainer at 5564'. Load tubing with water and pressure test to 500#. Sting out of retainer and circulate well clean with 90 bbls of water. Pressure test casing to 500#, held OK. Plug #1 with retainer at 5564', spot 24 sxs cement inside casing above retainer to 5240' to isolate Gallup perforations. PUH to 3818'. Plug #2 with 12 sxs cement inside casing from 3818' to 3656' to cover Mesaverde top. PUH to 2337'. Combine Plug #3 and #4 with 61 sxs cement inside casing from 2337' to 1513' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 428'. TOH and LD tubing. SI & SDFD.
- 8/20/03 Held Safety Meeting. RU A-Plus wireline truck. Perforate 3 squeeze holes at 180'. Establish circulation out bradenhead with 1/2 bbl of water. TIH with tubing to 428'. Establish circulation out casing with 1/4 bbl of water. Plug #5 with 93 sxs cement: 1st mix and pump 40 sxs cement to fill inside 4-1/2" casing from 428' to surface (cover Nacimiento top and 8-5/8" casing shoe); 2nd circulate good cement returns out the casing valve; 3rd second close casing and open bradenhead valve; 4th squeeze 53 sxs cement into BH annulus from 180' to surface, with good cement returns out bradenhead valve. TOH and LD tubing. ND BOP and flange. Digout wellhead. Cut off wellhead and found cement at surface in casing and annulus. Mix 20 sxs cement and install P&A marker. RD and MOL. Road rig to A-Plus yard. R. Snow, BLM representative and J. Dobson, Questar, were on location.