

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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)

2020' FNL x 900' FWL, Sec. 22, T23N-R7W, NMPM

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 No. 9

9. API Well No.

30-043-20837

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County, Parish, State

Sandoval County, NM

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.

8/18/03



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

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

ED FOR RECOR

SEP 25 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and wilfully 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 #9
2020' FNL & 900' FWL, Section 22, T-23-N, R-7-W
Sandoval County, NM
Lease Number: NMNM-6682, API #30-043-20837

August 19, 2003
Page 1 of 1

Plug & Abandonment Report

Cementing Summary:

- Plug #1** with retainer at 5573', spot 27 sxs cement with 1% CaCl₂ inside casing above retainer up to 5208' to isolate Gallup perforations.
- Plug #2** with 15 sxs cement inside casing from 3791' to 3588' to cover Mesaverde top.
- Plug #2a** with 15 sxs cement inside casing from 3723' to 3520' to cover the top of the Mesaverde.
- Plug #3 & #4** with 62 sxs cement inside casing from 2315' to 1477' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.
- Plug #5** with 36 sxs cement inside casing from 376' to surface, circulate good cement out casing valve.

Plug and Abandonment Summary:

Notified BLM on 8/13/03

- 8/13/03 Held Safety Meeting. MOL and RU. Blow down casing 170# and tubing 40#. Kill well with 30 bbls of water. Pump 1/8 bbl of water into bradenhead annulus, pressured up to 300#, held OK. ND wellhead. NU BOP and test. TOH and tally 188 joints 2-3/8" EUE tubing, total 5826'. Round-trip 4-1/2" casing scraper to 5573'. Shut in well. SDFD.
- 8/14/03 Held Safety Meeting. TIH and set DHS 4-1/2" cement retainer at 5573'. Load tubing with water and pressure test to 600#. Sting out of retainer. Attempt to pressure test casing to 500#, slow leak down to 170# in 15 minutes. Plug #1 with retainer at 5573', spot 27 sxs cement with 1% CaCl₂ inside casing above retainer up to 5208' to isolate Gallup perforations. PUH and WOC due to casing leak. TIH and tag cement at 5271'. PUH to 3791'. Attempt to pressure test casing to 500#, leak, same small leak. Plug #2 with 15 sxs cement inside casing from 3791' to 3588' to cover Mesaverde top. PUH and WOC. Shut in well. SDFD.
- 8/15/03 Held Safety Meeting. Open up well. TIH and tag cement low at 3723'. Load tubing with 2.5 bbls of water and pressured up to 1000#, tubing plugged. TOH with wet tubing string. Had backhoe build berm at wellhead and dig ditch to pit to keep water from derrick pads, rig sinking on operator's side. Found 4 joints of tubing full of soft cement. LD 4 joints and CR setting tool. TIH with tubing and tag cement at 3723'. Load hole with 14 bbls of water and reverse well circulate clean with 22 bbls of water. Circulated muddy water and poor cement to pit. Attempt to pressure test casing, same leak. Plug #2a with 15 sxs cement inside casing from 3723' to 3520' to cover the top of the Mesaverde. PUH and WOC. SDFD.
- 8/18/03 Held Safety Meeting. Open up well and tag cement at 3507'. Pressure test casing to 500#, OK. Combine Plug #3 & #4 with 62 sxs cement inside casing from 2315' to 1477' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 376'. Plug #5 with 36 sxs cement inside casing from 376' to surface, circulate good cement out casing valve. 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. B. Vigil, BLM representative and J. Dobson, Questar representative were on location.