

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)

790' FSL, 990' FWL; SW SW Sec. 7, T24N, R7W NMPM

5. Lease Serial No.

NMSF-078959

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.

Escrito Gallup Unit No. 4

9. API Well No.

30-039-05549

10. Field and Pool, or Exploratory Area

Escrito Gallup

11. County, Parish, State

Rio Arriba 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.

8-5-03

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

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.

ED FOR RECORD

SEP 25 2003

RECEIVED OFFICE
Jmn

NMOCD

Questar Exploration and Production Company
Escrito Gallup Unit #4
790' FSL & 990' FWL, Section 7, T-24-N, R-7-W
Rio Arriba County, NM
Lease Number: NMSF-078959
API #30-039-05549

August 6, 2003
Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 5737', spot 20 sxs cement inside casing above retainer up to 5560' to isolate the Gallup perforation.

Plug #2 with retainer at 3950', spot 15 sxs cement inside casing above retainer up to 3818' to cover the Mesaverde top.

Plug #3 with retainer at 2445', mix and pump 156 sxs cement, squeeze 115 sxs outside 5-1/2" casing from 2500' to 2132' and leave 41 sxs inside casing to cover the Pictured Cliffs and Fruitland.

Plug #4 with retainer at 1944', mix total of 111 sxs cement: 1st sting out of retainer and mix 30 sxs cement; 2nd sting into retainer and mix 84 sxs cement; 3rd squeeze 74 sxs outside 5-1/2" casing, then annulus pressured up to 1800#; 4th sting out of retainer and spot 37 sxs cement above retainer, up to 1617' to cover the Kirtland and Ojo Alamo tops.

Plug #5 with 103 sxs cement pumped down the 5-1/2" casing from 262' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM on 7/29/03

7/29/03 MOL. SDFD.

7/30/03 Held Safety Meeting. RU. Layout relief line to pit. Blow down 650# casing pressure and 10# tubing pressure. ND wellhead and release tubing anchor. NU BOP and test. Kill well with 30 bbls of water. TOH and tally 189 joints 2-3/8" tubing, total 5925'; LD anchor. TIH with Baker 5-1/2" cement retainer to 5737'. Shut in well. SDFD.

7/31/03 Held Safety Meeting. Set 5-1/2" Baker retainer at 5737'. Attempt to pressure test tubing, leak 2 bpm at 800#. Drop standing valve and finish setting retainer. TOH with tubing; found hole at 4765'. TIH with tubing testing every 11 stands to 1000#. Tag retainer at 5737'. Fish standing valve. Circulate well clean with 130 bbls of water. Attempt to pressure test casing, leak. Note: wellhead has small leak. Plug #1 with retainer at 5737', spot 20 sxs cement inside casing above retainer up to 5560' to isolate the Gallup perforation. PUH to 5172'. ND BOP. Teflon tape 8-5/8" companion flange. NU BOP. Shut in well. SDFD.

Questar Exploration and Production Company
Escrito Gallup Unit #4
790' FSL & 990' FWL, Section 7, T-24-N, R-7-W
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Page 2 of 2

Plug & Abandonment Report

Plugging Summary Continued:

- 8/01/03 Held Safety Meeting. TIH and tag cement at 5596'. PUH to 3950'. Attempt to pressure test casing, bleed down from 500# to 300# in one minute. Note, wellhead to flange not leaking. TOH with tubing. RU A-Plus wireline truck. Perforate 3 squeeze holes at 4017'. TIH and set 5-1/2" DHS retainer at 3950'. Attempt to establish rate into squeeze holes, annulus pressured up to 1200#. Sting out of retainer. Attempt to pressure test casing, same small leak down to 300#. E. Fitzpatrick, BLM, approved procedure change. Plug #2 with retainer at 3950', spot 15 sxs cement inside casing above retainer up to 3818' to cover the Mesaverde top. PUH. Shut in well. SDFD.
- 8/04/03 Held Safety Meeting. TIH and tag cement at 3836'. PUH to 2445'. Load hole with 16 bbls of water and attempt to pressure test, same small leak. TOH with tubing. Perforate 3 squeeze holes at 2500'. TIH and set 5-1/2" DHS cement retainer at 2445'. Establish rate into squeeze holes 1-1/2 bpm at 1000#. Pump 4 bbls of water and establish circulation out casing. Shut in casing. Plug #3 with retainer at 2445', mix and pump 156 sxs cement, squeeze 115 sxs outside 5-1/2" casing from 2500' to 2132' and leave 41 sxs inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 2037'. Reverse circulate well clean with 25 bbls of water, circulate out 2.5 bbls of cement in returns. TOH with tubing. Shut in well and WOC. Pressure test casing to 500#, OK. TIH and tag cement at 2040'. Perforate 3 squeeze holes at 2002'. Establish rate into squeeze holes 1-1/2 bpm at 1300#. TIH and set 5-1/2" DHS cement retainer at 1944'. Plug #4 with retainer at 1944', mix total of 111 sxs cement: 1st sting out of retainer and mix 30 sxs cement; 2nd sting into retainer and mix 84 sxs cement; 3rd squeeze 74 sxs outside 5-1/2" casing, then annulus pressured up to 1800#; 4th sting out of retainer and spot 37 sxs cement above retainer, up to 1617' to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing. Shut in well. SDFD.
- 8/05/03 Held Safety Meeting. Perforate 3 squeeze holes at 262'. Load casing with 17 bbls of water and establish circulation out bradenhead. Plug #5 with 103 sxs cement pumped down the 5-1/2" casing from 262' to surface, circulate good cement out bradenhead. ND BOP and wellhead. Dig out wellhead with Questar backhoe. Cut off wellhead and found cement at surface in casing and annulus. Mix 15 sxs to install P&A marker. RD. MOL.
B. Vigil and E. Fitzpatrick, BLM representatives and J. Dobson, Questar representative were on location.