

RECEIVED

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

JUL 02 2009

Bureau of Land Management  
Farmington Field Office

1. Type of Well Oil	5. Lease Number NMNM-0557389
2. Name of Operator Questar Exploration and Production	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator 1070 17 <sup>th</sup> Street, Suite 500; Denver, CO 80265	7. Unit Agreement Name
Location of Well, Footage, Sec., T, R, M NE, Section 12, T-24-N, R-8-W, 2310' FNL & 1980' FWL	8. Well Name & Number Nancy #4
	9. API Well No. 30-045-11954
	10. Field and Pool Duffers Point
	11. County & State San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent

☒ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

Questar Exploration and Production plugged and abandoned the above well per the attached Plug and Abandonment Report.

6-18-09

RCVD JUL 7 '09

OIL CONS. DIV.

DIST. 3

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

Signed William F. Clark Title Contractor Date 6/30/09  
William F. Clark

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

NMOCB

6/7/9

JUL 06 2009

FARMINGTON FIELD OFFICE

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A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Questar Exploration & Production Company

June 25, 2009

**Nancy #4**

Page 1 of 2

2310' FNL & 1980' FWL, Section 12, T-24-N, R-8-W

San Juan County, NM

Lease Number: NMNM 0557389

**Plug and Abandonment Report**

API #30-045-11954

**Plugging Summary:**

06/15/09 MOL and RU. Unseat pump. LD 20' polish rod, 1 – 2' 7/8" pony rod, 2 – 8' 7/8" pony rods, 111 – 7/8" rods, 157 – 3/4" rods and 12' top seat pump and strainer nipple. ND wellhead. NU BOP, test. TOH with 22 stands 2.375" tubing. SI well. SDFD.

06/16/09 Check well pressure: tubing, 25 PSI; casing and bradenhead, 0 PSI. Bleed down tubing. Continue TOH with 88 stands 2.375" tubing. Total tally, 6152'. Round trip 4.5" casing scraper to 6150'. TIH with 4.5" DHS CR and set at 5874'. Joe Ruybalid, BLM representative, approved procedure change to set CR above old perforations, then 150' plug. Load hole with 17 bbls of water. Pressure test tubing to 500 PSI, held OK. Sting out of CR. Load the hole with 47 bbls of water and circulate well clean with 110 additional bbls of water. Pressure test casing to 800 PSI, held OK. **Plug #1** with CR at 5874', spot 12 sxs Class B cement (14.16 cf) inside 4.5" casing above CR from 5874' up to 5716' to isolate the Dakota / Gallup perforations and tops. PUH to 3458'. Load casing with 5.5 bbls of water. **Plug #2** spot 12 sxs Class B cement (14.16 cf) inside 4.5" casing from 3458' up to 3300' to cover the Mesaverde top. TOH with tubing. SI well. SDFD.

06/17/09 Open well, no pressure. Load casing with 7 bbls of water. Perforate 3 holes at 2658'. Attempt to establish injection rate into squeeze holes, pressured up to 800 PSI after 1/2 bbl, no bleed off. TIH open ended to 2705'. Load hole with 5 bbls of water. Joe Ruybalid, BLM representative, approved procedure change. **Plug #3** spot 32 sxs Class B cement (37.76 cf) with 3% CaCl<sub>2</sub> inside 4.5" casing from 2705' up to 2284' to cover the Pictured Cliffs and Fruitland tops. PUH and WOC. RIH with wireline and tag TOC at 2291'. Perforate 3 holes at 2145'. Load hole with 4.5 bbls of water. Attempt to establish injection rate into squeeze holes, pressured up to 750 PSI, bled down to 400 PSI in 10 minutes. TIH with 4.5" DHS CR and set at 2095'. Pressure test tubing to 1250 PSI, held OK. Sting out of CR. Load casing with 1 bbls of water. Sting into CR. Establish rate 1/2 bpm at 750 PSI. **Plug #4** with CR at 2095', mix and pump 149 sxs Class B cement (175.82 cf), squeeze 121 sxs outside casing and leave 28 sxs inside 4.5" casing above CR from 2095' up to 1834' to cover the Kirtland and Ojo Alamo tops. TOH and WOC. SI well. SDFD.

A-PLUS WELL SERVICE, INC.

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June 25, 2009

Nancy #4

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**Plugging Summary – Continued:**

06/18/09 Open well, no pressure. Connect pump to bradenhead. Load hole with 15 bbls of water. Surface casing flange cracked at surface. RIH and tag cement at 1759'. Perforate 3 holes at 413'. Attempt to establish circulation out the bradenhead. Pump 4 bbls of water, pressured up to 1250', no circulation. Joe Ruybalid, BLM representative, approved procedure change. Perforate 3 holes at 360'. Establish circulation down the casing and out the bradenhead. Note: circulation coming out of crack in bradenhead. TIH with 2.375" tubing to 445'.  
**Plug #5** mix and pump 133 sxs Class B cement (156.94 cf) down 4.5" casing from 445' to surface, circulate good cement out bradenhead.  
TOH and LD all tubing. ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement down 10'.  
Mix 20 sxs Class B cement and install P&A marker. Cut off anchors.  
RD. MOL.

Joe Ruybalid, BLM representative, was on location.