

submitted in lieu of Form 3160-5

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

1. Type of Well
Oil

2. Name of Operator
Questar Exploration and Production Company

3. Address & Phone No. of Operator
1050 17th Street, Suite 500, Denver, CO 80265 (303)672-6931

Location of Well, Footage, Sec., T, R, M

660' FSL and 660' FEL, Section 31, T-23-N, R-7-W,

RECEIVED
070 FARMINGTON NM

5. Lease Number
NMNM - 6681
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Escrito Gallup

8. Well Name & Number
Federal C# #1
9. API Well No.

30-043-05164
10. Field and Pool
Alamito Gallup

11. County & State
Sandoval, NM

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

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Questar plugged and abandoned this well bore on November 17, 2004 per the attached report.

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

Signed Scott A. Goodwin Jr Title Senior Petroleum Engineer Date 12/9/04

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

NMOCD

DEC 23 2004

FARMINGTON FIELD OFFICE
BY sm

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Questar Exploration & Production Company
Federal C L #1

November 18, 2004
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660' FSL & 660' FEL, Section 31, T-23-N, R-7-W
Sandoval County, NM
Lease Number: NMNM - 6681
API #30-043-05164

Plug & Abandonment Report

Plugging Summary:

Notified BLM 11/9/04

11/11/04 MOL and RU rig.

11/12/04 Lay relief lines to pit. Well pressures: 50# tubing, 0# casing, 0# bradenhead. ND wellhead. PU on tubing and work free. NU BOP, test. TOH with 156 joints 2-3/8" EUE tubing. No packer stuck in fill. Round trip 4.5" casing scraper to 4666'. PUH with tubing and scraper.

11/15/04 TIH and set 4.5" DHS CR to 4635'. Pressure test tubing to 1300#, held OK. Sting out of CR. Circulate clean with 75 bbls of water. Attempt to pressure test casing, bled down 500# in 3 minutes.

Plug #1 with cement retainer at 4635', spot 20 sxs Type III cement (26 cf) inside casing above CR up to 4361' to isolate the Gallup perforations.

PUH. WOC. RIH to 4477'. Unable to tag hard cement. PUH to 4382' and reverse circulate well clean with 34 bbls of water.

Plug #2 with 12 sxs Type III cement (16 cf) inside casing from 4382' to up to 4206' to isolate the Gallup perforations. PUH and WOC overnight.

11/16/04 TIH and tag cement at 4276'. Load the casing with 7 bbls of water. Attempt to pressure test casing, bled down to 300# in 2 minutes. TOH with tubing. Perforate 3 squeeze holes at 2105'. TIH and set 4.5" DHS CR at 2049'. Pressure test casing above CR to 1000#; held OK. Sting into CR and establish rate into squeeze holes 1 bpm at 1250#.

Plug #3 with CR at 2049', mix and pump 46 sxs Type III cement (61 cf), squeeze 39 sxs below CR and outside the casing and leave 7 sxs inside casing up to 1955' to cover the Mesaverde top.

TOH with tubing. Perforate 3 holes at 1736'. TIH and set 4.5" CR at 1671'. Establish rate into squeeze holes 1 bpm at 1200#.

Plug #4 with CR at 1671', mix and pump 46 sxs Type III cement (61 cf), squeeze 39 sxs below CR and outside casing and leave 7 sxs inside casing up to 1588' to cover the Chacra top.

TOH with tubing. Perforate 3 holes at 1347'. TIH and set 4.5" CR at 1293'. Establish rate into squeeze holes 1 bpm at 750#.

Plug #5 with CR at 1293', mix and pump 148 sxs Type III cement (195 cf), squeeze 124 sxs below CR and outside the casing and leave 24 sxs inside the casing up to 934' to cover the Pictured Cliffs and Fruitland tops. TOH with tubing and WOC.

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November 18, 2004
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660' FSL & 660' FEL, Section 31, T-23-N, R-7-W
Sandoval County, NM
Lease Number: NMNM-6681
API #30-043-05164

Plug & Abandonment Report

Plugging Summary Continued:

11/17/04 Perforate 3 holes at 877'. TIH and set 4.5" DHS CR at 820'. Establish rate into squeeze holes $\frac{3}{4}$ bpm at 1700#. Following procedure change approved by R. Snow with BLM. Sting out of CR.

Plug #6 with CR at 820', spot 14 sxs Type III cement (18 cf) inside the casing above the CR up to 610' to cover the Kirtland and Ojo Alamo tops.

TOH and LD all tubing.

Perforate 3 holes at 150'.

Establish circulation out of bradenhead with 5 bbls.

Plug #7 with 60 sxs Type III cement (79 cf) pumped down the 4.5" casing from 150' to surface, circulate good cement out bradenhead valve.

ND BOP. Dig out and cut off wellhead.

Found cement at the surface in the casing and bradenhead annulus.

Mix 20 sxs Type III cement to install P&A marker.

RD and MOL.

Ron Snow, BLM representative, was on location.

Jim Milligan, Questar representative, was on location.