

# RECEIVED

Form 3160-5  
(August, 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**Bureau of Land Management  
Farmington Field Office**

JUL 13 2009

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**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 - Other Instructions on page 2.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMNM-048989-A
2 Name of Operator QUESTAR EXPLORATION & PRODUCTION COMPANY		6 If Indian, Allottee, or Tribe Name
3a Address 1050 17TH STREET, SUITE 500 DENVER, CO 80265	3b Phone No (include area code) (303) 672-6900	7 If Unit or CA Agreement Name and/or No
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) NE NE 660' 660' 2 T 22N R 8W Long. FNL FEL		8 Well Name and No FEDERAL G #1
		9 API Well No 30-045-05067
		10 Field and Pool, or Exploratory Area ALAMITO GALLUP
		11 County or Parish, State SAN JUAN NEW MEXICO

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering 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"/> Final Abandonment Notice	<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 recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No on file with the 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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 )

Questar Exploration and Production Company plugged and abandoned the Federal G #1 well on 6/24/09.

Please see the attached operations summary and wellbore diagram.

If you have any questions or concerns, please contact Sarah Boxley at (303) 672-6916.

RCVD JUL 16 '09

OIL CONS. DIV.

DIST. 3

14 I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Sarah Boxley		Title Permit Agent
Signature <i>Sarah Boxley</i>		Date <i>7/9/09</i>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date JUL 14 2009
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		FARMINGTON FIELD OFFICE FY Sm

Title 18 USC Section 1001 AND Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NMOCD

8/22

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 30, 2009

Federal G #1

Page 1 of 2

660' FNL & 660' FEL, Section 2, T-22-N, R-8-W

San Juan County, NM

Lease Number: SF-078855

API #30-045-05067

**Plug and Abandonment Report**

**Plugging Summary:**

BLM notified on 6/19/09

06/22/09 MOL and RU. Check well pressure: casing, 5 PSI; tubing and bradenhead, 0 PSI. Lay relief lines to pit. Blow well down. ND wellhead. NU BOP, test. PU on tubing. LD tubing hanger. TOH with 56 joints 2.375" tubing (1765'0. Well stated to unload fluid up tubing. Attempt to pump down the tubing, after 2 bbls of water; tubing pressured up to 800 PSI. Unable to pump down and kill well. RU Weatherford Wireline truck and RIH. Found fill inside tubing at 2890'. Perforate 1 hole at 2890' to drain fluid from tubing while TOH. RD Weatherford Wireline. Pump 1 bbl of water down the tubing - on vacuum. Continue to TOH and tally 2.375" tubing. Total tally- 92 joints, 4660'. LD SN and sawtooth collar, bottom joint perforated 9' from bottom. Round trip 4.5" casing scraper to 4634'. Shut in well. SDFD.

06/23/09 Open well, no pressure. TIH with 4.5" DHS CR and set at 4634'. Load tubing with 2 bbls of water. Pressure test tubing to 800 PSI, held OK. Sting out of CR. Load casing with 15 bbls of water. Circulate the well clean with 76 total bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 400 PSI in 3 minutes. **Plug #1** with CR at 4634', spot 26 sxs Class B cement (30.68 cf) with 2% CaCl<sub>2</sub> inside 4.5" casing above CR up to 4292' to isolate the Gallup perforations and top. PUH and WOC. TIH with tubing and tag cement at 4395'. PUH to 2079'. Load hole with 5.5 bbls of water. Attempt to pressure test casing to 700 PSI, bled down to 600 PSI in 2 minutes. Shifting linkage on pump broke, unable to pump plug. SDFD.

06/24/09 Open well, no pressure. Attempt to pressure test casing to 600 PSI, bled down to 500 PSI in 3 minutes. Load hole with 5 bbls of water. **Plug #2** spot 20 sxs Class B cement (23.6 cf) with 3% CaCl<sub>2</sub> inside 4.5" casing from 2079' up to 1816' to cover the Mesaverde top. PUH and WOC. TIH with tubing and tag cement at 1825'. Pressure test casing to 800 PSI, held OK. PUH to 1350'. **Plug #3** spot 23 sxs Class B cement (27.14 cf) inside 4.5" casing from 1350' up to 1047' to cover the Pictured Cliffs and Fruitland tops. WOC. Load hole with 3.75 bbls of water. PUH to 895'. **Plug #4** spot 27 sxs Class B cement (31.86 cf) inside 4.5" casing from 895' up to 540' to cover the Kirtland and Ojo Alamo tops.

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**Plugging Summary - Continued:**

06/24/09 Continued:

TOH and LD all tubing. Load bradenhead with 15 bbls of water. Bradenhead did not test. John McKinney, BLM representative, approved procedure change. Perforate 3 squeeze holes at 251'. Load well with 10 bbls of water and establish rate 1 bpm at 500 PSI with no returns out the BH valve. Reverse pump line and pump 5 bbls down bradenhead, returns came up under the pipe trailer. Perforate 3 squeeze holes at 190'. Attempt to establish circulation to surface. John McKinney, BLM representative, approved procedure change. TIH with tubing to 285'.

**Plug #5** mix and spot 33 sxs Class B cement (38.94 cf) inside the 4.5" casing from 285' to surface.

TOH and LD the tubing. ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at surface. Mix 20 sxs Class B cement and install P&A marker. Cut off anchors.

RD. MOL.

John McKinney, BLM representative, was on location.

Kirby Sanchez, Questar representative, was on location.

# Federal G #1

## Final P&A

Alamito Gallup

660' FNL & 660' FEL, Section 2, T-22-N, R-8-W

San Juan County, NM / API #30-045-05067

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_

Today's Date: 5/20/09

Original Spud: 5/2/58

D&A: 5/15/58

Re-Entry: 4/15/75

Completion: 4/30/75

Elevation: 6901' GL

6913' KB

12.25" Hole

Ojo Alamo @ 644' \*est

Kirtland @ 842'

Fruitland @ 1180' \*est

Pictured Cliffs @ 1300'

Mesaverde @ 2015'

Gallup @ 4784'

7.875" Hole

TD 5157'  
PBTB 4730'

TOC @ Surface, 1987 CBL

8.625" 20# Casing set @ 201'  
200 sxs cement, circulated to surface

**Plug #5: 285' - 0'**  
Class B cement, 33 sxs

**Plug #4: 895' - 540'**  
Class B cement, 27 sxs

**Plug #3: 1350' - 1047'**  
Class B cement, 23 sxs

**Plug #2: 2079' - 1825'**  
Class B cement, 20 sxs

Perforate 2870' and 2830';  
sqz with 40 sxs (1987)  
Perforate 2848' - 2852';  
Sqz with 400 sxs (1987)

**Set CR @ 4634'**

Gallup Perforations:  
4680' - 4690' (1987)

Perforate 4680' - 4690' (1987)  
Perforate 4718' and 4660' (1987)

Gallup Perforations:

4784' - 4950'  
Sqz'd Gallup with 60 sxs  
from 4920'. TOC @ 4901'.  
Set CR 4740', pumped 70  
sxs. DO cmt to 4730' (1987)

Perforate 4750' - 4751' and 5130' - 5136',  
sqz with total 125 sxs (1975)

4.5" 10.5# JH-40 Casing @ 5157'  
Cemented with 309 sxs (677 cf)  
squeezed with 250 sxs (295 cf)

**Plug #1: 4634' - 4395'**  
Class B cement, 26 sxs