

RECEIVED

MAY 26 2009

submitted in lieu of Form 3160-5

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

Bureau of Land Management  
Farmington Field Office

1. Type of Well Gas	5. Lease Number SF-078855
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 2, T-22-N, R-8-W, 660' FNL & 660' FEL	8. Well Name & Number Federal G #1
	9. API Well No. 30-045-05067
	10. Field and Pool Alamito Gallup
	11. County & State San Juan County, NM

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

<b>Type of Submission</b>	<b>Type of Action</b>	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

Questar Exploration and Production proposes to plug and abandon the above well per the attached Plug and Abandonment Procedure.

RCVD MAY 29 '09  
OIL CONS. DIV.

DIST. 3

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

Signed William F. Clark Title Acting as Agent for Questar Date 5/26/09  
William F. Clark

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date MAY 27 2009  
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.

NMOCD

# Federal G #1

## Current

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'

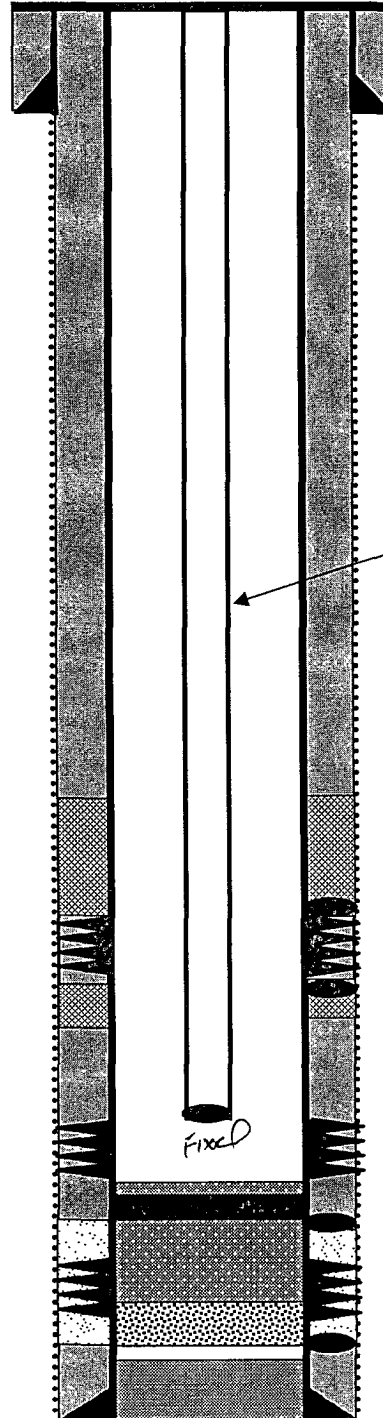
Fruitland @ 1180' \*est

Pictured Cliffs @ 1300'

Mesaverde @ 2015'

Gallup @ 4784'

7.875" Hole



TOC @ Surface, 1987 CBL

8 625" 20# Casing set @ 201'  
200 sxs cement, circulated to surface

2.375" tubing set at 4684'  
(with sawtooth collar and SN)

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

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)

TD 5157'  
PBSD 4730'

# PLUG AND ABANDONMENT PROCEDURE

May 20, 2009

## Federal G #1

Alamito Gallup  
660' FNL & 660' FEL, Section 2, T22N, R8W  
San Juan County, New Mexico, API #30-045-05067  
Long: \_\_\_\_\_ / Lat: \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No\_\_\_\_, Unknown\_\_X\_\_.  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2.375", Length 4684'.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Gallup perforations and top, 4630' – ~~4530'~~ 4400')**: If a packer or tubing anchor were not pulled, then round trip a 4.5' casing scraper to 4630'. TIH and set 4.5" cement retainer at 4630'. Load casing with water and circulate well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix ~~12~~ sxs cement and spot a balanced plug inside casing above CR to isolate the perforations and Gallup top. PUH.
6. **Plug #2 (Mesaverde top, 2065' – 1965')**: Mix 12 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH with tubing.
7. **Plug #3 (Pictured Cliffs and Fruitland top, 1350' – ~~1430'~~ 1106')**: Mix ~~24~~ sxs cement and spot a balanced plug inside casing to cover these tops. PUH with tubing.
8. **Plug #4 (Kirtland and Ojo Alamo tops, 892' - 594')**: Mix 27 sxs cement and spot a balanced plug inside casing to cover these tops. PUH with tubing.
9. **Plug #5 (8.625" Surface casing shoe, 251' – Surface)**: Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 25 sxs Class B cement and spot a balanced plug inside the casing from 251' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4.5" casing from 406' and the annulus to surface. Shut well in and WOC.
10. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Federal G #1

## Proposed P&A

Alamito Gallup

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

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Fruitland @ 1180' \*est

Pictured Cliffs @ 1300'

Mesaverde @ 2015'

Gallup @ 4784'

7.875" Hole

TD 5157'  
PBDT 4730'

TOC @ Surface, 1987 CBL

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

Plug #5: 251' – 0'  
Class B cement, 25 sxs

Plug #4: 892' – 594'  
Class B cement, 27 sxs

Plug #3: 1350' – 1130'  
Class B cement, 21 sxs

Plug #2: 2065' – 1965'  
Class B cement, 12 sxs

*Mesaverde*

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

Set CR @ 4630'

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sqz with 125 sxs (1975)

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Cemented with 309 sxs (677 cf)

Plug #1: 4630' – 4530'  
Class B cement, 12 sxs

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Federal G

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:-
  - a) Bring the top of the Gallup plug to 4400'.
  - b) Place the Pictured Cliffs/Fruitland plug from 1350' – 1100'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.