

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

DIST. 3

1. **Type of Well**
Gas

RECEIVED

APR 24 2008

Bureau of Land Management
Farmington Field Office

2. **Name of Operator**
Questar Exploration & Production Company

3. **Address & Phone No. of Operator**
1050 17th Street, Suite 500, Denver, CO 80265 303-308-3093

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

790' FSL and 790' FEL, Section 22, T-28-N, R-10-W, Unit M

5. **Lease Number**
NMSF-077383
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
Kutz Canyon #1
9. **API Well No.**
30-045-07252
10. **Field and Pool**
Basin Dakota
11. **County & State**
San Juan County, 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 Exploration & Production Company proposes to plugged and abandoned this well per the attached procedure.

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

Signed Jim Milligan Title Production Foreman Date 4/24/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

CONDITION OF APPROVAL, if any:

Title _____ Date APR 24 2008

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.

NACCO

PLUG AND ABANDONMENT PROCEDURE

April 24, 2008

Kutz Canyon #1

Basin Dakota
790' FSL & 790' FWL, Section 22, T-28N, R-10W
San Juan County, New Mexico, API #30-045-07252

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. Cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will require a C103 for a lined earth pit to hold waste fluids.
2. Comply with all NMOCD, BLM, and Questar safety regulations. MOL and RU daylight pulling unit. ND wellhead and NU BOP. Test BOP. TOH and tally 2.375" tubing.
3. **Note:** a 5.5" CIBP was set at 6370' in 2006. On 4/21/08 there was 50 feet Class B cement dumped bailed on top of it to isolate the Dakota perforations. Then on 4/22/08 a 5.5" CIBP was set at 5955' and 50' of cement was dumped bailed; preparing the well for a casing leak repair. Multiple holes were found and the well will be plugged. Also, a 2006 Casing Inspection and CBL found the TOC at 5390'.
5617 5517
4. **Plug #1 (Gallup top, 5214' – 5144')**: Perforate 3 HSC holes at 5214'. TIH and set 5.5" CR at 5164'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. ~~The casing will not test above the CR; establish a rate and injection pressure. Then spot or tag subsequent plugs as appropriate.~~ Mix and pump 47 sxs cement, squeeze 30 sxs outside the casing and leave 17 sxs inside to cover the Gallup top. TOH with tubing.
51 51 51
5. **Plug #2 (Mesaverde top, 3725' – 3625')**: Perforate 3 HSC holes at 3725'. TIH and set 5.5" CR at 3675'. ~~The casing will not test above the CR; establish a rate and injection pressure. Then spot or tag this plug as appropriate.~~ Mix and pump 47 sxs cement, squeeze 30 sxs outside the casing and leave 17 sxs inside to cover the Mesaverde top. TOH with tubing.
3090 2990 3090
6. **Plug #3 (Chacra top, 3413' – 3043')**: Perforate 3 HSC holes at 3443'. TIH and set 5.5" CR at 3063'. ~~The casing will not test above the CR; establish a rate and injection pressure. Then spot or tag this plug as appropriate.~~ Mix and pump 47 sxs cement, squeeze 30 sxs outside the casing and leave 17 sxs inside to cover the Chacra top. TOH with tubing.
2054 180 2054
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2475' – 1812')**: Perforate 3 HSC holes at 2475'. TIH and set 5.5" CR at 2400'. Pressure test the casing above the CR. ~~If the casing does not test, then spot or tag subsequent plugs as appropriate.~~ Mix and pump 160 sxs cement, squeeze 110 sxs outside the casing and leave 50 sxs inside to cover the PC and Fruitland tops. TOH with tubing.
995
8. **Plug #5 (Kirtland and Ojo Alamo tops, 1258' – 1024')**: Perforate 3 HSC holes at 1258'. TIH and set 5.5" CR at 1208'. Mix and pump 115 sxs cement, squeeze 71 sxs outside the casing and leave 44 sxs inside to cover the Kirtland and Ojo Alamo tops. TOH with tubing.
9. **Plug #6 (10.75" Surface casing shoe, 342' – Surface)**: Perforate 3 HSC holes at 342'. Establish circulation out the bradenhead valve; circulate the BH annulus clean. Mix approximately 200 sxs cement and pump down the 5.5" casing to circulate good cement out the bradenhead valve to surface. Shut well in and WOC. Dig out the wellhead.
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.

**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 Kutz Canyon

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) Place the Gallup plug from 5617' – 5517'.
 - b) Place the Mesaverde plug from 3751' – 3651' inside and outside the 5 ½" casing.
 - c) Place the Chacra plug from 3090' – 2990' inside and outside the 5 ½" casing.
 - d) Place the Pictured Cliffs/Fruitland plug from 2054' - 1801' inside and outside the 5 ½" casing.
 - e) Place the Kirtland/Ojo Alamo plug from 1254' – 995' inside and outside the 5 ½" casing.

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.