

RCVD APR24'07

OIL CONS. DIV.

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007  
DIST. 3Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## 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 reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Log Serial No. 10MSF-03595
2. Name of Operator QUESTAR EXPLORATION & PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 1050 17TH STREET, SUITE 500 DENVER, CO 80165	3b. Phone No. (include area code) 303-672-6905	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FSL and 790' FEL, SEC. 18, T24N-R7W (NWNE)		8. Well Name and No ESCRITO GALLUP UNIT NO. 9
		9. API Well No. 3003905476
		10. Field and Pool, or Exploratory Area GALLUP
		11. County or Parish, State RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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"/> 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with 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 recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices 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 & Production Company proposes to plug and abandon the current Escrito Gallup Unit #9 well. Please refer to the attached Plug and Abandonment Procedure and well bore diagram for more information. Please contact Matt Nickol at 303-672-6975 with questions.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LANI RIEGER		Title SR. ENGINEERING TECH.
Signature <i>Lani Rieger</i>	Date 04/18/2007	
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Original Signed: Stephen Mason		Date APR 23 2007
Approved by _____ 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 enable the applicant to conduct operations thereon.		Office
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully 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.		

(Instructions on page 2)

NMOCDB

## PLUG AND ABANDON WELL

ESCRITO GALLUP UNIT #9  
NW NE Sec. 18-T24N-R7W  
Rio Arriba County, NM

CURRENT STATUS: Shut in

Total Depth: 6,118'  
PBD: 6,005'  
TOC: Unknown

Casing: 8-5/8" (24#, J-55?) Surface set at 216'  
4-1/2" (11.6#, J-55?, 8Rd.) Production casing to 6,118'

Tubing: 2-3/8" (4.7#, J-55?) Set at 6,030' *estimated*

Gallup Perforations: 5,777'-5,779'  
5,795'-5,808'  
5,817'-5,819'  
5,854'-5,878'  
5,882'-5,887'  
5,892'-5,898'  
5,906'-5,908'  
5,986'-6,016'

Procedure:

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, BLM, and Questar safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary.
2. ND wellhead and NU BOP. Test BOP. TOH and tally 2" tubing, total 6032'. Note: Unknown tubing size and depth; this information is from the completion record. If necessary, LD tubing and use a workstring. Round trip 4.5" gauge ring to 5727'.
3. **Plug #1 (Gallup perforations and top, 5727' - 5615')**: TIH and set 4.5" cement retainer at 5727'. Pressure test tubing to 1000#. 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 11 sxs cement and spot a balanced plug inside casing above CR to isolate the Gallup perforations and top. PUH to 3392'.
4. **Plug #2 (Mesaverde top, 3392' - 3292')**: Mix 11 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH to 2470'.
5. **Plug #3 (Pictured Cliffs top, 2470' - 2370')**: Mix 11 sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs top. TOH with tubing.
6. **Plug #4 (Fruitland, Kirtland and Ojo Alamo tops, 2070' - 1675')**: Perforate 3 squeeze holes at 2070'. Attempt to establish rate into squeeze holes if the casing tested. Set 4.5" cement

retainer at 2020'. Establish rate into squeeze holes. Mix and pump 167 sxs cement, squeeze 137 sxs outside the casing and leave 30 sxs inside casing to cover through the Ojo Alamo top. TOH and LD tubing.

7. **Plug #5 (Nacimlento top and 8.625" Surface casing shoe, 390' - 0''): Perforate 3 squeeze holes at 390'. Establish circulation out the bradenhead valve with water; circulate the BH annulus clean. Mix and pump approximately 110 sxs cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.**
8. **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.**

**Escrito Gallup Unit #4**

Sec. 18-T24N-R7W

Rio Arriba County, NM

Drilled by Dorfman Production Co.

Schematic - not drawn to scale

Spud: 12/7/81

**Surface Casing:**

8-5/8" 24# set at 216'

Cemented to surface with 150 sks

**Production Casing:**

4-1/2" 11.6# set at 6,178'

Cemented with 150 sks

**Tubing Report:**

EOT unknown

