Form 3160-5 (April 2004)

✓ Subsequent Report

Final Abandonment Notice

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No 1004-0137 Expires March 31, 2007

SHNDRY	NOTICES	AND	REPORTS	ON WELLS
JUNUNI	NOTICES	AIND	nerunia	ON WELLS

Casing Repair

Convert to Injection

Change Plans

5	Lease Senal No		
	NMS#-03 <b>5</b> 95		

	nis form for proposals t ell. Use Form 3160-3 (			6 If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.			7 If Unit or CA/Agreement, Name and/or No		
1 Type of Well Oil Well	Gas Well Other			8 Well Name and No.	
2 Name of Operator QUESTAR EXPLORATION & PRODUCTION COMPANY			9 API Well No		
3a Address 1050 17TH STREET, SUITE 500 DENVER, CO 80265		3b Phone No (include area code) 303-672-6905		3003905476  10 Field and Pool, or Exploratory Area	
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FSL and 790' FEL, SEC. 18, T24N-R7W (NWNE)			GALLUP.  11 County or Parish, State  RIO ARRIBA COUNTY, NM		
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTICE, RE	EPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start	t/Resume)	

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 recomplete 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/BLA 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 )

New Construction

✓ Plug and Abandon

Plug Back

Recomplete

Water Disposal

Temporarily Abandon

Questar Exploration & Production Company has plug and abandoned the Escrito Gallup Unit #9 well on 5/18/07. Attached is the Plug and Abandonment report summarizing the work done 5/14/07-5/18/07. Please contact Matt Nikkel at 303-672-6975 with questions.

> **RCVD MAR 24'08** OIL CONS. DIV. DIST. 3

			·····		
14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)					
Lani P. Rieger	Title	Sr. Engineering Tech.			
Signature Vini Riegy	Date	(	03/12/2008		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by		Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not vertify that the applicant holds legal or equitable title to those rights in the subj which would entitle 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 States any false, fictitious or fraudulent statements or representations as to any	or any person matter within	knowingly and willfully its jurisdiction	to make to any department or agency of the United		

(Instructions on page 2)





#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

### SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

#### NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

**ROUTINE USES:** Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

#### **BURDEN HOURS STATEMENT**

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240

# A-PLUS WELL SERVICE, INC.

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



Questar Exploration & Production Co. Escrito Gallup Unit #9

May 22, 2007 Page 1 of 2

1850' FSL & 790' FEL, Section 18, T-24-N, R-7-W Rio Arriba County, NM Lease Number: NMSF-03595 API #30-039-05476

Plug and Abandonment Report

Notified BLM & NMOCD on 5/14/07

# Work Summary:

5/14/07 MOL and RU. Check pressures: tubing and bradenhead, 0 PSI; casing, 5 PSI. ND wellhead. PU on tubing and check for anchor; no anchor, may have packer. Tubing has approximately 40" travel before pulling over. NU 8.625" completion flange and BOP. Work tubing to attempt to release packer. Shut in well. SDFD.

5/15/07 Open up well, no pressure. Work tubing to release packer. TOH and tally 60 stands 2.375" tubing. RU tools and swab 1.5" bbls of oil from tubing, then water. Continue to TOH with total 193 joints tubing, SN and packer. Total tally 6025'. Round trip 4.5" gauge ring to 5750'. TIH and set a 4.5" DHS cement retainer at 5730'. Pressure test tubing to 1500 PSI for 5 minutes. Sting out of CR. Load casing with 20 bbls of water. Circulate well with 95 bbls of water. Attempt to pressure test casing to 800 PSI, leak 2 bpm at 750 PSI. Pump additional 80 bbls of water to circulate well semi – clean; small trace of oil in returns.

Plug #1 with CR at 5730', spot 14 sxs Type III cement (19 cf) inside casing above CR up to 5528' to isolate the Gallup perforations.

PUH and WOC. Shut in well. SDFD.

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5/16/07 Open up well, no pressure. TIH with tubing and tag cement at 5580'. Load casing with 13 bbls of water. Circulate well clean with 20 bbls of water. Attempt to pressure test casing to 800 PSI, leak 2 bpm at 600 PSI. TOH with tubing. Perforate 3 squeeze holes at 3292'. RIH with 4.5" PlugWell wireline cement retainer and set at 3248'. TIH with tubing and sting into CR. Attempt to pressure test casing to 800 PSI, leak 2 bpm at 600 PSI. Attempt to establish rate below the CR into squeeze holes. Pressured up to 2000 PSI, held good for 5 minutes. Ron Snow, BLM, approved procedure change for plug #2 to be inside only.

**Plug #2** with CR at 3248', spot 14 sxs Type III cement (19 cf) inside the casing from 3248' up to 3046' to cover the LaVentana top.

TOH with tubing. Perforate 3 squeeze holes at 2470'. RIH and set 4.5" PlugWell wireline cement retainer at 2420'. TIH and sting into CR at 2420'. Attempt to pressure test casing, same results. Sting into CR and establish rate 2 bpm.

Plug #3 with CR at 2420', mix and pump 46 sxs Type III cement (61 cf), squeeze 39 sxs below CR and outside 4.5" casing and leave 7 sxs above CR to isolate the Pictured Cliffs top. Note: while pumping this plug, well established circulation out bradenhead. PUH and WOC. SDFD.

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Questar Exploration & Production Co. Escrito Gallup Unit #9

May 22, 2007 Page 2 of 2

# Work Summary - Continued:

5/17/07 Open up well, no PSI. TIH with tubing and tag cement high at 2008'. Attempt to pressure test casing to 800 PSI, leak 1 bpm at 750 PSI. R. Snow and S. Mason approved plug #3 even though it leaves Fruitland annulus uncovered as long as casing leak is isolated.

TOH with tubing. PJ 4.5" Baker Packer and TiH to 1628'. Pressure test casing from 1628' to 2000' to 800 PSI for 5 minutes. Isolate casing leak from 249' to 124'. Procedure changed approved R. Snow and S. Mason, BLM. Perforate 3 squeeze holes at 2000'. TiH with 4.5" Baker Packer and set at 249'. Establish rate into squeeze holes 2 bpm at 750 PSI. TOH and LD packer. TiH with 4.5" DHS cement retainer and set at '941'. Establish rate into squeeze holes 2 bpm at 750 PSI. Plug #4 with CR at 1941', mix and pump 142 sxs Type III cement (188 cf), squeeze 115 sxs outside 4.5" casing with 4 sxs below CR and leave 22 sxs above CR to 1623' to cover the Kirtland and Ojo Alamo tops.

TOH and LD tubing with stinger. Load casing with 3 bbls of water and establish rate into casing leaks % bpm at 700 PSI. Perforate 3 squeeze holes at 290'. Establish rate into squeeze holes and casing leaks 3 bpm at 500 PSI.

Plug #5 mix and pump 100 sxs Type III cement (132 cf) down 4.5" casing from 290' to surface to cover the Nacimiento top and 8.625" casing shoe, circulate good cement out casing and bradenhead.

Shut in well. SDFD.

5/18/07 Open up well, no pressure. ND BOP and clean off cement. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in 4.5" casing and down 2' in 8.625" annulus.

Mix 18 sxs Type III cement and install P&A marker. RD. MOL.

Kirby Sanchez with Questar was on location.

R. Snow, BLM and several BLM Trainees were on location.