# RECEIVED

Form 3160-5 (February 2005)

(Instructions on page 2)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCT 17 2011

FORM APPROVED OMB No 1004-0137

Farmington Field Office

OMB No 1004-0137 Expires: March 31, 2007

- Great of Land Marsagers Serial No.							
SUNDRY NOTICES AND REPORTS ON	NM-03189						
Do not use this form for proposals to drill or	6 If Indian, Allottee or Tribe Name						
abandoned well. Use Form 3160-3 (APD) for s	,						
SUBMIT IN TRIPLICATE – Other instruction	ns on page 2.	7 If Unit of CA/Agreement, Name and/or No.					
1 Type of Well		Cox Canyon					
		8. Well Name and No.					
Oil Well Gas Well Other	Cox Canyon #14						
Name of Operator     Williams Production Company, LLC	***	9. API Well No 30-045-21490					
3a. Address 3b Phone No. (inc	clude area code)	10. Field and Pool or Exploratory Area					
PO Box 640 Aztec, NM 87410 505-634-4206		Pictured Cliffs					
4. Location of Well (Footage. Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State					
1425' FSL and 1740' FWL NE/4 SW/4 Sec 21(K), T32N, R11W		San Juan, NM					
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA							
TYPE OF SUBMISSION	TYPE OF ACTIO	N N					
Notice of Intent	Production (S	Start/Resume) Water Shut-Off					
Alter Casing Fracture Treat	at Reclamation	Reclamation Well Integrity					
Casing Repair New Constru	action Recomplete	Other					
Subsequent Report Change Plans Plug and Abo	andon Temporarily	Temporarily Abandon					
Final Abandonment Convert to Plug Back	Water Dispos	sal					
13 Describe Proposed or Completed Operation. Clearly state all pertinent	details_including estimated sta	arting date of any proposed work and approximate					
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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)  Williams Production plugged and abandoned the Cox Canyon #14 per the attached amended Plug and Abandonment Report and WBD.							
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14 Thereby certify that the foregoing is true and correct.  Name ( <i>Printed/Typed</i> )		Ex 1100,					
Ben Mitchell	Title Regulatory Specialist	**************************************	15/				
Signature B_ mtM	Date 10/17/2011	9232					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by	T:11.						
	Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not wa or certify that the applicant holds legal or equitable title to those rights in the sublease which would entitle the applicant to conduct operations thereon							
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.							

**NMOCD** 

ASSEPTED FOR RECORD

OCT 18 2011



## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499 505-325-2627 \* fax: 505-325-1211

Williams Production Company, LLC Cox Canyon #14

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1450' FSL & 1740' FWL, Section 21, T-32-N, R-11-W San Juan County, NM Lease Number: NM-03189 API #30-045-21490

Plug and Abandonment Report

Amended

Notified NMOCD and BLM on 8/02/11

#### Plug and Abandonment Summary:

8/03/11 Rode equipment to location. LO/TO meter run. Check well pressures: tubing 20 PSI and casing 12 PSI. MOL and RU. Build berm along east side of location with shovels as decided in SPCC discussion. Blow well down to pit. ND wellhead. Strip on and NU BOP; test. TOH and tally 108 joints 1-1/4" IJ tubing, 3613'. SI well. SDFD.

8/04/11 Open up well and blow down 20 PSI casing pressure. Procedure change approved by Jamie Joe, BLM. Round trip 2.25 gauge ring to 3525'. PU and RIW with 2-7/8" PlugWell CIBP; set at 3516'. Load casing with 17 bbls of water and circulate well clean with additional 20 bbls of water. Attempt to pressure test casing, leak 1 bpm at 450 PSI.

Plug #1 with CIBP at 3516', spot 14 sys Class B cement (16.52 cf) inside casing above BP to

**Plug #1** with CIBP at 3516', spot 14 sxs Class B cement (16.52 cf) inside casing above BP to 3008' to cover the Pictured Cliffs and Fruitland intervals.

TOH with tubing. SI well and AWOC. TIH and tag cement at 3095'. PU to 3067'. Establish circulation out casing with 4 bbls of water. Attempt to circulate hole clean with 22 bbls of water. Circulate 34 bbls of wet cement to pit. TIH with tubing to 3000'. SI well. SDFD.

. Amended

8/05/11 Open up well; tubing and casing on a vacuum. TIH and tag cement at 3068'. TOH with tubing. ND BOP. ND casing head. PU on 2-7/8" casing pulling 40K; tubing hanger had no movement. Tie rig to pull on one line. PU on casing and unseat tubing hanger. PU as much as 70K, unable to pull tubing hanger above casing head. Calculate 2-7/8" casing stuck at 235'. S. Mason and J. Joe, BLM, approved procedure change. NU casing. NU BOP. Load casing with 4.5 bbls of water. Establish rate 1 bpm at 450 PSI. Perforate 3 squeeze holes at 1982'. RIH with 2-7/8" PlugWell CR; set at 1954'. RIH with tubing and sting into CR. Establish rate 1.5 bpm at 700 PSI.

**Plug #2** with CR at 1954, mix and pump 94 sxs Class B cement (110.92 cf), squeeze 86 sxs below CR and leave 8 sxs above CR to 1667' to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing with stinger. SI well. SDFD.

Open up well; no pressure. TIH and tag cement at 1528'. Load casing with 3.5 bbls of water. Attempt to pressure test casing; leak ½ bpm at 450 PSI. TOH with tubing. Perforate 3 squeeze holes 606'. Establish rate into squeeze holes ½ bpm at 450 PSI. RIH with 2-7/8" PlugWell CR and set at 584'. Establish rate into squeeze holes 1 bpm at 700 PSI. Plug #3 with CR at 584', mix and pump 32 sxs Class B cement (37.76 cf) with 2% CaCl2, squeeze 27 sxs below CR and leave 5 sxs above to 403' to cover the Nacimiento top. TOH and LD tubing. SI well and WOC. RIH and tag cement at 430'. Perforate 3 squeeze holes at 204'. Establish rate 3 bpm at 300 PSI. Pump additional 15 bbls of water to establish circulation out bradenhead valve.

### A-PLUS WELL SERVICE, INC.

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Williams Production Company, LLC Cox Canyon #14

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#### Plug and Abandonment Summary Cont'd:

**Plug #4** mix and pump 68 sxs Class B cement (80.24 cf) down 2-7/8" casing from 204' to surface, circulate good cement out bradenhead valve. SI well and WOC. SDFD.

8/09/11 Open up well; no pressure. TIH and tag cement at 150'.

Plug #4a mix and pump 10 sxs Class B cement (11.8 cf) from 150' to surface, circulate good cement out casing valve.

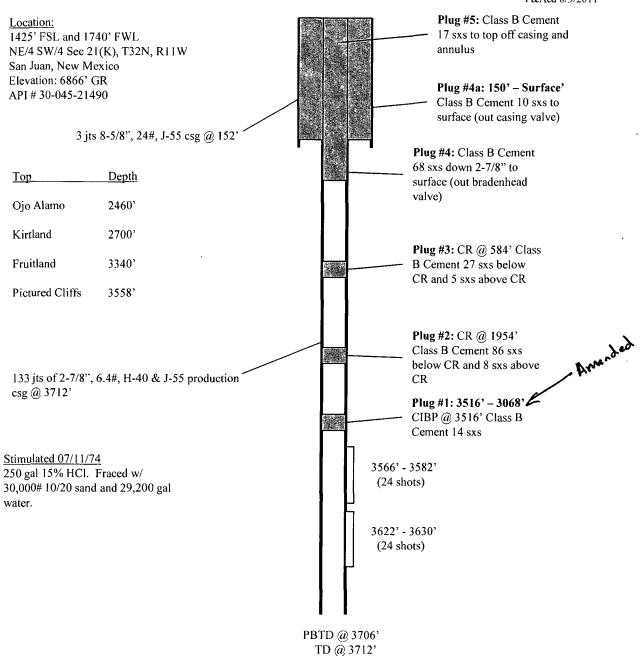
TOH and LD tubing. ND BOP. Dig out wellhead. Monitor Atmosphere. Issue Hot Work Permit. Cut off wellhead. Found cement at surface.

**Plug #5** spot 17 sxs Class B cement (20.06 cf) to top off casing and annulus, then install P&A marker. Remove LO/TO. RD and MOL.

Jamie Joe, BLM representative, was on location.

#### COX CANYON UNIT #14 PICTURED CLIFFS

Spud Date 06/10/74 Completed 07/11/74 1st Delivery 12/03/74 P&Aed 8/9/2011



Hole Size	Casing	Cement	Top of Cint
12-3/4"	8-5/8", 24#	100 sx	Surface
6-1/2"	2-7/8", 6.4#	175 sx	3550'