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Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **Farmington Field Office**
Bureau of Land Management

OCT 25 2010

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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 page 2.

1. Type of Well		6. If Indian, Allottee or Tribe Name
<input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		Jicarilla Apache Contract #92
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
Williams Production Company, LLC		8. Well Name and No.
3a. Address		9. API Well No.
PO Box 640 Aztec, NM 87410		30-039-29935
3b. Phone No. (include area code)		10. Field and Pool or Exploratory Area
505-634-4208		Blanco Mesaverde
4. Location of Well (Footage, Sec., T. R., M., or Survey Description)		11. Country or Parish, State
1980' FSL & 660' FWL, Section 29, T27N, R 3W		Rio Arriba, NM

12. CHECK THE 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 type="checkbox"/> Plug and Abandon	<input checked="" 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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.)

Due to non productive pay zone Williams Production plans to plug back this well , but save the wellbore for future development. Please see attached procedure.

TA- 11/1/11

**Notify NMOCD 24 hrs
prior to beginning
operations**

RCVD NOV 5 '10

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.		
Name (Printed/Typed) Larry Higgins		Title Permit Supervisor
Signature <i>Larry Higgins</i>		Date 10-25-10
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by		Date NOV 02 2010
Original Signed: Stephen Mason		Title
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 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 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)		

NMOCD

PLUGBACK PROCEDURE

October 13, 2010

Jicarilla 92 #2B

Blanco Mesaverde
1980' FSL and 660' FWL, Section 29, T27N, R3W
Rio Arriba County, New Mexico / API 30-039-29935
Lat: N _____ / Long: W _____

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 X, Unknown _____.
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____.
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
PU tubing workstring.
4. **Plug #1 (Mesaverde perforations and top, 6280' – 4015')**: Round trip 7-5/8" casing scraper to 4015' or as deep as possible. RIH and set a CR at 4015'. Pressure test tubing to 1000 PSI. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs. Mix 100 sxs Class B cement squeeze below CR to fill the Mesaverde perforations, cover the MV top and fish.
5. Sting out of CR and reverse circulate well clean. Perforate 3 squeeze holes at 4010.' Establish rate into squeeze holes.
6. **Plug #2 (Top of CR and Pictured Cliffs top, 4010' – 3910')**: Set CR at 3971'. Sting into CR and establish rate into squeeze holes. Mix 71 sxs Class B cement, squeeze 37 sxs below CR and outside casing annulus then leave 34 inside casing to cover the Pictured Cliffs top.
7. PUH to 3788'.
8. **Plug #3 (Fruitland top, ~~3788'~~ – ~~3688'~~)**: ^{3835 3735} Spot 34 sxs Class B cement balanced plug inside casing to cover the Fruitland top.
9. Circulate the well clean. Pressure test casing to 800 PSI.
10. Fill the 7-5/8" casing with corrosion inhibitor fluid. TOH and LD tubing.
11. RD, move off location.

Jicarilla 92 #2B

Plugback

Blanco Mesaverde

1980' FSL & 660' FWL, Section 29, T-27-N, R-3-W
Rio Arriba County, NM / API #30-039-29935

Lat: _____ / Long: _____

Today's Date: 10/13/10

Spud: 01/16/09

Comp: 03/26/09

Elevation: 7209' GL

14.75" Hole

10.75", 40.5#, K-55 Casing set @ 334'
250 sxs cement, circulated to surface,

Nacimiento @ 2268' *est

TOC @ 2170' (2009 CBL)
Perforated at 3750' and 2400'.
Squeezed with 200 sxs total

Ojo Alamo @ 3493' * est

Kirtland @ 3698'

Fruitland @ 3738'

Plug #3: 3788' – 3688'
Cement with 34 sxs

DV Tool @ 3864'
2nd stage: Cement with 455 sxs (1020 cf)

Pictured Cliffs @ 3971'

Set CR @ 3971'

Plug #2: 4010' – 3910'
Cement with 71 sxs:
34 inside and 37 outside

Perforate @ 4010'

Set CR @ 4015'

Plug #1: 6280' – 4015'
Cement with 100 sxs

Fish in hole: junk mill, bit sub,
drill collar, 6-11/16" shoe and
washpipe. Est TOF at 4020'

TOC @ 5350' (2009 CBL)
Perforated @ 6074', 5708' 4234'.
Squeezed with total 275 sxs

Mesaverde @ 5690'

Mesaverde Perforations:
5707' – 6280'

9-7/8" Hole

7-5/8", 26.4#/29.7#, J55 Casing @ 6576'
1st stage: Cemented with 400 sxs (892 cf)

TD 6600'
PBSD 6457'