In Lieu of
Form 3160
(June 1990)

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' FNL & 790' FEL SEC 21 28N 3W

5. Lease Designation and Serial No. 701-06-0016

6.

11.

If Indian, Allottee or Tribe Name Jicarilla Apache

County or Parish, State

Rio Arriba, New Mexico

	SUBMIT IN TRIPLICATE	NOV 09 2010	7.	If Unit or CA, Agreement Designation
Type of Well Oil Well Gas Well X		Farmington Field Office Bureau of Land Managemen.	8.	Well Name and No. JAECO-WPX 28-3 21 #001
Name of Operator WILLIAMS PRODUCTION C	OMPANY		9.	API Well No. 30-039-30595
Address and Telephone No. PO Box 640 Aztec, NM 87410	-0640		10.	Field and Pool, or Exploratory Area BLANCO MV/BASIN MC

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent	Abandonment	Change of Plans	
	Recompletion	New Construction	
X Subsequent Report	Plugging Back	Non-Routine Fracturing	
	Casing Repair	Water Shut-Off	
Final Abandonment	Altering Casing	Conversion to Injection	
	X Other Commingle	Dispose Water	
A.		(Note: Report results of multiple completion	
LE CONTRACTOR OF THE PARTY OF T		on Well Completion or Recompletion Report	
F		and Log form.)	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-2-10 − MIRU AWS #506 to commingle Mesaverde and Mancos per DHC-4299 ✓ Approved 7 Iso lacro

RCVD NOV 17'10 OIL CONS. DIV. DIST. 3

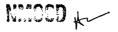
11-4-10 - DO CIBP @ 6420'

11-6-10 - Land well as follows: 240 jts 2-3/8", 4.7#, N-80, eue 8rd tubing - 1.81" ID f-nipple @7458' - 1 joint 2-3/8", 4.7#, N-80, eue 8rd tubing - ½ muleshoe @ 7491'**√** 

ACCEPTED FOR RECORD NOV 1 6 2010

	DHCTo	2917	·	
14.	I hereby certify that the foregoing is true and correct  Signed Larry Higgins	Title Permit Supervisor	Date <u>11/8/2010</u>	
	(This space for Federal or State office use)			
	Approved by	Title		Date
	Conditions of approval, if any:			

Title 18 U.S.C. Section 1001, makes 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.



## JAECO-WPX 28-3 21 #001 Blanco MV, Basin MC

Spud Date: 2/13/2010

Location:

2310' FNL & 790' FEL ALL Section 21(H), T28N, R3W Rio Arriba, NM

Elevation: 7042' GR API #: 30-039-30595

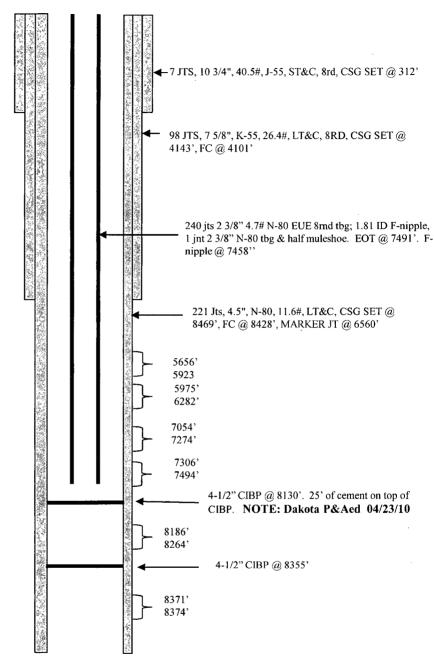
<u>Tops</u>	<u>Depth</u>
Lewis	3928'
Cliff House	5649'
Point Lookout	5971'
Mancos	6403'
Greneros	8028
Dakota	8153'

Mesaverde 2<sup>nd</sup>: 5656'-5923' (38, 0.34" holes) Frac with 80,000#20/40 PR w/SWNT Mesaverde 1<sup>st</sup>: 5975'-6282' (58, 0.34" holes) Frac with 80,000#20/40 PR w/SWNT

Mancos 2<sup>nd</sup>: 7054' - 7274' (93, 0.34" holes) Frac with 5000# 100 mesh BASF followed w/130,600# 40/70 mesh BASF Mancos 1<sup>st</sup>: 7306' - 7494' (78, 0.34" holes) Frac with 5000# 100 mesh BASF followed w/13,400# 40/70 mesh BASF

 $\underline{DK}~8186\mbox{'-}8264\mbox{'}~(60, 0.34\mbox{''}~holes)$  Frac w/ 5000# 100 mesh Ottawa sand followed with 94,100 40/70 Ottawa sand

<u>Lower DK</u>: 8371' – 8374' (12, 0.34" holes) These holes not fraced



TD @ 8475' PBTD @ 8105'

HOLE SIZE	CASING	CEMENT	CU. FT.	СМТ ТОР
14-3/4"	10 3/4", 40.5#	200 s xs	360 cu.ft.	surface
9 7/8"	7",26.4#	635 s xs	1579 cu.ft.	300
6 3/4"	4-1/2", 11.6#,	500 s xs	700 cu.ft.	2550' (CBL)