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Form 3160
(June 1990)

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

DEC 14 2009

FORM APPROVED
Budget Bureau No. 1004-0135

SUNDRY NOTICE AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well Other	5. Lease Designation and Serial No. JICARILLA APACHE CONTRACT #93
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name JICARILLA APACHE NATION
3. Address and Telephone No. PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1190' FNL, 660' FWL SEC 34, T27N, R03W	8. Well Name and No. JICARILLA 93 #12B
	9. API Well No. 30-039-29805
	10. Field and Pool, or Exploratory Area BLANCO MV
	11. County or Parish, State RIO ARRIBA, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<div style="text-align: center;"> <input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> Abandonment Recompletion Plugging Back Casing Repair Altering Casing <input checked="" type="checkbox"/> Other <u>Water Isolation</u> </div> <div style="width: 30%;"> Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completions on Well Completion or Recompletion Report and Log form.) </div> </div>

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.)*

RCVD DEC 16 '09

OIL CONS. DIV.

DIST. 3

Please see Water Isolation Procedure attached:

14. I hereby certify that the foregoing is true and correct
 Signed Rachel Lippert Title Engineering Technician II Date December 10, 2009
 Rachel Lippert

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date DEC 15 2009
 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.

NMOCDF

Williams plans to shut off water production on the referenced well. In doing so, we are trying to maximize gas production while reducing overall water production.

Water shut off procedure.

1. MIRU Well service unit
2. TIH w/ rods and insert
3. NDWH & NUBOP
4. TOH w/ production string
5. TIH w/ work string with BP and packer.
6. Isolate each set of perforations and perform a swab test to establish water rates.
7. If we determine a zone is water wet, we will perform a hesitation squeeze to isolate water wet zones from wellbore.
8. Wait on cement to set up for at least 24 hrs.
9. Drill out cement
10. Pressure test zone to ensure isolation.
11. Cleanout to PBTD
12. TIH and land production tubing
13. NDBOP & NUWH
14. TIH and land rods and insert pump
15. Return well to production.

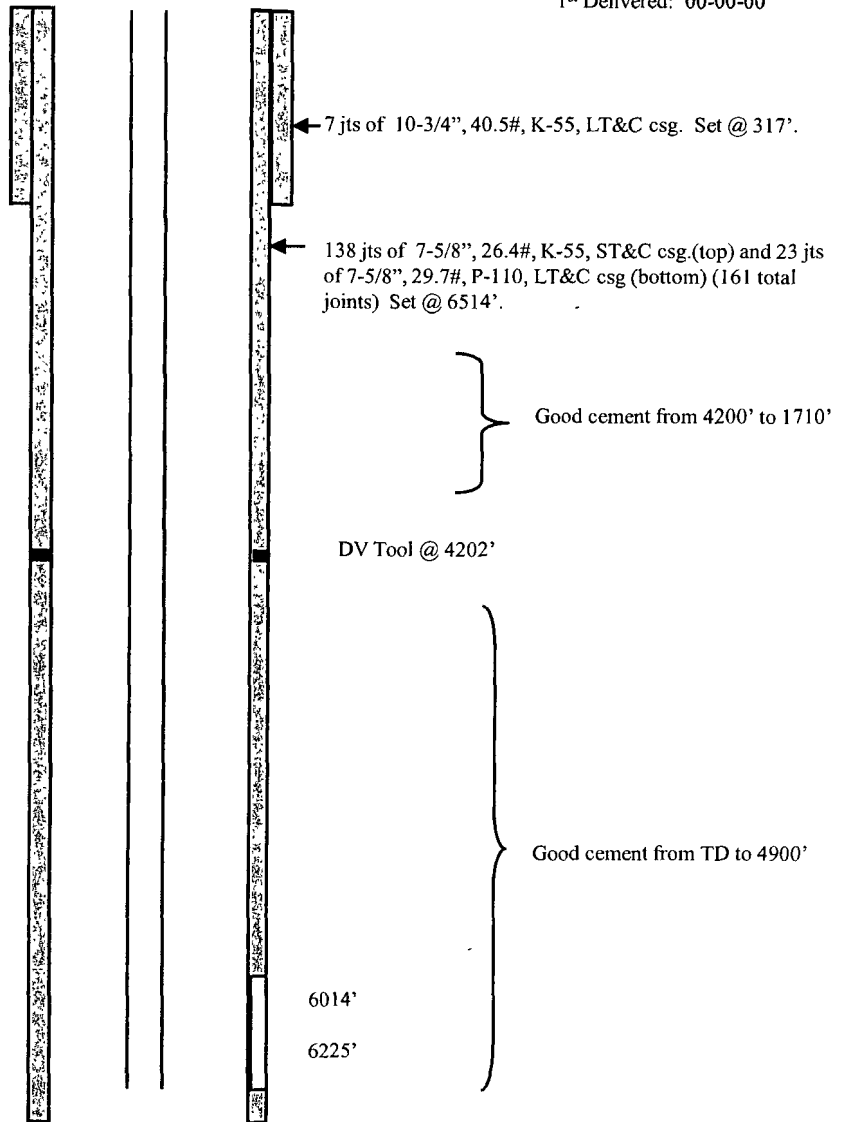
Jicarilla 93 #12B
Blanco Mesa Verde

Spud Date: 11-25-08
Completed: 04-07-09
1st Delivered: 00-00-00

Location:
1190' FNL & 660' FWL
NW/4 NW/4 Section 34 (D), T27N, R03W
Rio Arriba Co., NM

Elevation: 7181' GR
API #: 30-039-29805

<u>Tops</u>	<u>Depth</u>
Fruitland	3704'
Pictured Cliffs	3921'
Cliff House	5690
Menefee	5768'
Point Lookout	6049'
Mancos	6396'



Point Lookout: 6014' – 6225' (60, 0.38" holes) Frac w/
93,093# 20/40 white sand

TD @ 6530'
PBD @ 6485'

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14-3/4"	10-3/4", 40.5#	200 s xs	281 cu.ft.	surface
9-7/8"	7-5/8", 26.4# & 29.7#	1200 s xs	2546 cu.ft.	See above