

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

2005 SEP 27 PM 1:47

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OTO FARMINGTON NM

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-23044
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 573-6254	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1120' FNL & 960' FEL, NE/4, NE/4, SEC 32 T31N R4W	8. Well Name and No. SCHALK 31-4 #1
	9. API Well No. 30-039-22194
	10. Field and Pool, or Exploratory Area East BLANCO PICTURED CLIFFS
	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
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment -
<input type="checkbox"/> Subsequent Report	Recompletion
<input type="checkbox"/> Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other _____
	Change of Plans
	New Construction
	Non-Routine Fracturing
	Water Shut-Off
	Conversion to Injection
	Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report 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.)\*

Williams Production Company submits for your approval our plans to plug & abandon the above well per the attached procedure. Estimated start date will be as soon as approval is received & a rig becomes available.



14. I hereby certify that the foregoing is true and correct

Signed Tracy Ross  
TRACY ROSS

Title SR. Production Analyst

Date September 19, 2005

(This space for Federal or State office use)

Approved by [Signature]

Title PE

Date OCT 03 2005

Conditions of approval, if any:

## Plug and Abandon Procedure Schalk 31-4 # 1 (MV)

1120' FNL and 960' FEL  
NE/4 NE/4 Sec 32 (A), T31N, R4W  
Rio Arriba, New Mexico

**Purpose for Work:** P&A Mesa Verde. Cement will be squeezed into the Mesa Verde and cement plugs will be placed across the Pictured Cliffs, Fruitland Coal, Ojo Alamo, and Nacimiento zones.

**Critical Information:** Contact Steve Mason with the BLM 24 hours before cementing proceeds. If cementing occurs over a weekend or on a Monday, contact the BLM no later than Thursday.

	Depth (ft)	Weight (#)	Type	OD (in)	ID (in)	BF/ft	ft <sup>3</sup> / ft
Surf Csg	330	32.00	J-55	8 5/8	7.921	0.06090	0.34220
Lng Strg	6242	10.50	J-55	4 1/2	4.052	0.01590	0.08950

G.L. 6614'.

1. MIRUSU. Kill tubing if necessary. ND wellhead and NU BOP.
2. TIH w/2-3/8" tubing with 4 1/2" mill and to 3600'. Mill CIBP. TOH.
3. TIH with 2-3/8" tubing to cement retainer at 5900'. Pump 50 sxs of class 'H' cement. (Calculated TOC is 5310') TOH to 5200' or 100' above TOC. Reverse up the tubing with 40 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 5. Otherwise, WOC for 6 hours.
4. TIH and tag cement. Record cement top over Mesa Verde.  
*Chmra plug 4535' - 4435' inside & outside 4 1/2" casing*
5. TOH with 2 3/8" tubing to 3900'. Pump 85 sxs of class 'H' cement. (Calculated TOC is 2800') TOH to 2700' or 100' above TOC. Reverse up the tubing with 30 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 7. Otherwise, WOC for 6 hours.
6. TIH and tag cement. Record cement top over Ojo Alamo.  
*1528 inside & outside 4 1/2" casing*
7. TOH with 2 3/8" tubing to 1600'. Pump 30 sxs of class 'H' cement. (Calculated TOC is 1250') TOH to 1150' or 100' above TOC. Reverse up the tubing with 10 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 9. Otherwise, WOC for 6 hours.
8. TIH and tag cement. Record cement top over Nacimiento.
9. TOH with 2 3/8" tubing. TIH with wireline and perforate 4 holes at <sup>380</sup>320'. Establish circulation into the perforations. Pump cement into the formation until returns are observed at the surface. Estimate of 35-40 Bbls of class 'H' cement for returns.
10. NDBOP. RDMOL. Set permanent P&A marker. Reclaim and reseed location.

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Robert Goodwin  
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