Form 3160 DEPARTME	ED STATES NT OF INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
SUNDRY NOTICE AND  Do not use this form for proposals to drill or to deepen or		5. Lease Designation and Serial No. NMSF-078763
TO DRILL" for permi	t for such proposals	6. If Indian, Allottee or Tribe Name
SUBMIT IN T	RIPLICATE	7. If Unit or CA, Agreement Designation
Type of Well     Oil Well X Gas Well Other	A COUNTY OF THE PARTY OF THE PA	8. Well Name and No. ROSA UNIT #350
Name of Operator     WILLIAMS PRODUCTION COMPANY	MAY 2006	9. API Well No. 30-039-29366
3. Address and Telephone No. PO BOX 3102 MS 25-2, TULSA, OK 74101		10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or 1290' FNL & 170' FWL, NW/4 NE/4 SEC	7 (O / Q H.S)	11. County or Parish, State RIO ARRIBA, NM
CHECK APPROPRIA	TE BOX(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
TYPE OF SUBMISSION  Notice of Intent  X Subsequent Report  Final Abandonment	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion	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.)
Notice of Intent  X Subsequent Report  Final Abandonment  Describe Proposed or Completed Operations (0)	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion	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.)
Notice of Intent  X Subsequent Report  Final Abandonment  Describe Proposed or Completed Operations (0)	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion  Clearly state all pertinent details, and give pertinent dates, in and measured and true vertical depths for all markers and	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.)  actuding estimated date of starting any proposed work. If well is
Notice of Intent  X Subsequent Report  Final Abandonment  13. Describe Proposed or Completed Operations ( directionally drilled, give subsurface locations  10-28-2005 MIRU, drill rat & mouse holes. S  10-29-2005 Drill 12 1/4" surface hole from 282 csg @ 316' as follows: guide shoe, 1 jt csg, ir follows: 300 sxs (423 cu.ft.) Type III cmt + 2% 6.84). Displace w/ 20.9 bbls FW. Bump plug	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion  Clearly state all pertinent details, and give pertinent dates, ir and measured and true vertical depths for all markers and pud well @ 1700 hrs,10/27/05. Drill 12 ¼" su to 340', circulate hole clean, TOOH. RU csg asert float, 6 jts csg & 17' landing jt, circulate of CaCl2 + ¼#/SX Cello Flake + 48.75 bbls FW @ 148 psi, check float, held. 10 bbls cmt ret	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.)  acluding estimated date of starting any proposed work. If well is I zones pertinent to this work.)*  rface hole from 0' to 282'.  g crew, RIH & land 7 jts 9 5%", 36#, J-55, ST&C
Notice of Intent  X Subsequent Report  Final Abandonment  13. Describe Proposed or Completed Operations ( directionally drilled, give subsurface locations  10-28-2005 MIRU, drill rat & mouse holes. S  10-29-2005 Drill 12 ¼" surface hole from 282 csg @ 316' as follows: guide shoe, 1 jt csg, ir follows: 300 sxs (423 cu.ft.) Type III cmt + 2% 6.84). Displace w/ 20.9 bbls FW. Bump plug equipment. Test BOP & all related equipment BHA, TIH to 259'.	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion  Clearly state all pertinent details, and give pertinent dates, ir and measured and true vertical depths for all markers and pud well @ 1700 hrs,10/27/05. Drill 12 ¼" sure to 340', circulate hole clean, TOOH. RU csg asert float, 6 jts csg & 17' landing jt, circulate of caCl2 + ¼#/SX Cello Flake + 48.75 bbls FW @ 148 psi, check float, held. 10 bbls cmt retat 10 min each, low 250 psi/high 1500 psi, csg	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.)  actuding estimated date of starting any proposed work. If well is a zones pertinent to this work.)*  rface hole from 0' to 282'.  g crew, RIH & land 7 jts 9 %", 36#, J-55, ST&C asg, RD csg crew. RU cementers & cmt as a = 75.30 bbls slurry @ 14.5 ppg (yield 1.41/wps urns to surface. WOC, NU BOPE & all related 1500 psi – 10 min, all test good. PU 8 ¾" bit &  2'. Drill cmt & guide shoe from 312' to 316', CO
Notice of Intent  X Subsequent Report  Final Abandonment  13. Describe Proposed or Completed Operations ( directionally drilled, give subsurface locations  10-28-2005 MIRU, drill rat & mouse holes. S  10-29-2005 Drill 12 ¼" surface hole from 282 csg @ 316' as follows: guide shoe, 1 jt csg, ir follows: 300 sxs (423 cu.ft.) Type III cmt + 2% 6.84). Displace w/ 20.9 bbls FW. Bump plug equipment. Test BOP & all related equipment BHA, TIH to 259'.  10-30-2005 Tag TOC @ 259', drill cmt from 2	Abandonment Recompletion Plugging Back Casing Repair Altering Casing OtherCompletion  Clearly state all pertinent details, and give pertinent dates, ir and measured and true vertical depths for all markers and spud well @ 1700 hrs,10/27/05. Drill 12 ¼" su to 340', circulate hole clean, TOOH. RU csg asert float, 6 jts csg & 17' landing jt, circulate of caCl2 + ¼#/SX Cello Flake + 48.75 bbls FW @ 148 psi, check float, held. 10 bbls cmt ret to min each, low 250 psi/high 1500 psi, csg 259' to 282', drill cmt-float-cmt from 282' to 31 Drill 8 ¾" hole from 340' to 1400'.	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.)  Including estimated date of starting any proposed work. If well is a zones pertinent to this work.)*  If ace hole from 0' to 282'.  If ace crew, RIH & land 7 jts 9 %", 36#, J-55, ST&C ace, RD csg crew. RU cementers & cmt as I = 75.30 bbls slurry @ 14.5 ppg (yield 1.41/wps urns to surface. WOC, NU BOPE & all related 1500 psi – 10 min, all test good. PU 8 ¾" bit &  2'. Drill cmt & guide shoe from 312' to 316', CO

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 Unit decates any factoristics or fraudulent statements or representations as to any matter within its jurisdiction.

Title Sr. Production Analyst

Title

14.

I hereby certify that the foregoing is true and correct

Tracy Ross (This space for Federal or State office use)

Conditions of approval, if any:

Approved by

 $\square \mathbb{B}$ 

May 12, 2006

- 11-01-2005 Drilling 8 3/4" hole from 2236' to 2804'.
- 11-02-2005 Drill 8 ¾" hole from 2804' to 3100', directional section of well @ 3100'. TOOH, PU & orient directional BHA, RIH w/BHA.
- 11-03-2005 Wash/ream from 3040' to 3100'. Kick off @ 3100', drill directional section from 3100' to 3156', circulate & condition mud.
- 11-04-2005 Directionally drill 8 ¾" hole from 3156' to 3163', hole packed off, TOOH, LD directional BHA. RIH w/ BHA, will not go deeper than 775', wash & ream from 775' to 1067'
- 11-05-2005 Wash & ream in hole from 1067' to 1642'.
- 11-06-2005 Wash/ream back in hole from 1642' to 3100'. Circulate & condition mud & hole, get hole back in shape before drilling ahead.
- 11-07-2005 Circulate & condition mud & hole to inhibit sliding shales. Wash & ream from 3100' to 3163'. Directionally drilling 8 %" hole from 3163' to 3388' in slide mode. Down for rig repairs on #1 mud pump
- 11-08-2005 Wait on welder to replace pop-off valve. Directional drill 8 %" hole from 3388' to 3421'. Circulate hole clean to trip for MM. Change bit, MM is good, adjust MM housing, test MM & MWD. RIH w/ new bit to 3300', hit bridge. Wash & ream from 3300' to 3400'. Wait on mechanics to repair mud pump #1, broke swab end off of pony rod.
- 11-09-2005 Circulate hole, wait on pump parts, complete repairs. Wash & ream from 3400' to 3421'. Directional drill 8 3/4" hole from 3421' to 3592'.
- 11-10-2005 Directional drill 8 3/4" hole from 3592' to 3688'.
- 11-11-2005 Directional drill 8 3/4" hole from 3688' to 3864'.
- 11-12-2005 Circulate & condition mud & hole for wiper trip. Wiper trip back to 9 %" csg shoe. RIH to bottom @ 3864', hole is in good condition. POOH, LD drill string, change over to 7" csg rams, RU csg crew, prepare to run csg.
- 11-13-2005 RIH, land 7" csg @ 3860' as follows: shoe, 1 jt csg, insert float, 98 jts csg = 3845' + 15' landing jt = 3860'. Total of 99 jts 7", 23#, K-55, LT&C csg. Circulate 7" csg, RD csg crew, RU cementers. Cmt 7" csg as follows. Lead: 591 sxs (1241 cu.ft.) Premium Light cmt + 8% gel + 1% CaCl2 + .25#/sx Cello Flake + 163 bbls FW = 221 bbls slurry @ 12.1 ppg. (Yield = 2.10/WGS = 11.57). Tail: 150 sxs (210 cu.ft.) Type III cmt + 1% CaCl2 + .25#/sx Cello Flake + 25 bbls FW = 38 bbls slurry @ 14.5 ppg. (Yield = 1.4/WGS = 6.82). Displace w/ 155 bbls FW @ 1100 psi, bump plug @ 1600 psi, check float, good. 30 bbls cmt returned to surface, good cmt job. RD cementers, ND BOP to install slips & tbg head. NU BOP & test 250 psi low/1500 psi high @ 15 min each test, test 7" csg 1500 psi for 15 min, all tests good. PU new 4 ¾" directional BHA, test MM & MWD, good. RIH w/ new BHA.
- 11-14-2005 Tag cmt @ 3840', drill cmt, float, cmt, guide shoe from 3840' to 3860', CO from 3860' to 3864', bottom of hole. Drill 6 1/2" hole from 3860' to 4030'.
- 11-15-2005 Drill 6 1/4" directional hole from 4030' to 4941'.
- 11-16-2005 Drill 6 1/4" directional hole from 4941' to 5575', circulate & condition hole. POOH to MWD tool.
- 11-17-2005 LD Halliburton directional tools. RU csg crew. RIH w/ 60 jts 4 ½", 11.6#, J-55 csg, landed @ 5574', TOL @ 3088', overlap = 772'. POOH, LD drill string used to run liner. RU csg crew to run tbg. RIH w/ 118 jts 2 ½", 4.7#, J-55 tbg, land @ 3848' (MD), 3600' (TVD). Displace well from 10.5 ppg CaCl to production water. LD landing jt, ND BOP, install bottom xmas tree. ND BOP & related equipment. Turn well to production department.
- 11-18-2005 Rig is released @ 0600 hrs.