In Lieu of
Form 3160
(June 1990)

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

070 FARMINGTON, NM

SUBMIT IN TRIPLICATE

1.	Type of Well ☐ Oil Well ■ *Gas Well* ☐ Other	5.	Lease Designation and Serial No. SF-078773
		6.	If Indian, Allottee or Tribe Name
		7.	If Unit or CA, Agreement Designation ROSA UNIT
		8.	Well Name and No. ROSA UNIT #272
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	9.	API Well No. 30-039-24808
3.	Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 561-6254	10.	Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description) 2510' FSL & 790' FWL, NW/4 SW/4, SEC 35 T31N R5W	11.	County or Parish, State RIO ARRIBA, NM

RECEIVED
AUG 24 1999
OIL CON. DIV.
DIST. 3

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment ☐ Recompletion ☐ Plugging Back ☐ Casing Repair ☐ Altering Casing ■ Other Cavitation Complete	☐ 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.)
■ Subsequent Report		
☐ Final Abandonment		

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.)*

7-16-1999 MIRU service unit. NDWH. NU BOP equipment and lay blooie lines. Test BOP equipment to 1000 psi with rig pump. Test OK. Pull doughnut and 2 3/8" production tubing. Change rams for 3 ½" drill pipe. Pick up liner retrieving tool, 10-4 ¾" drill collars and 3 ½" drill pipe. TIH to 3375'. Try to latch onto liner hanger. Unable to recover liner. TOOH with liner retrieving tool

7-17-1999 TOOH with liner retrieving tool. Pick up a 6 ¼" mill and TIH to top of liner at 3375'. Mill top of liner from 3375' to 3376'. Stuck mill at 3376'. Work pipe until free. Mill on liner top at 3376'. Unable to make any mill to cut. TOOH with mill. Lay down mill, bit sub and 1 drill collar. Looks like possible down hole fire damage. Mill and bit sub in bad shape. Unable to break tools from the drill collar. Pick up new 6 ¼" mill and bit sub. TIH to top of liner at 3376'. Mill liner top from 3376' to 3379'. TOOH with mill. Cut and slip 285' of bad drilling line. Pick up a casing spear, jars, bumper sub and excelorator. Work on light plant. TIH with fishing tools

7-18-1999 TIH with fishing tools to top of liner at 3379'. Spear into top of liner. Jar liner free. TOOH with fish. Lay down fishing tools. Lay down 4 joints 5 ½" csg. TIH with a 6 ¼" bit. Tag bridge at 3520'. Clean out from 3507' to 3555' (TD at 3555', solid bottom, 3' below bottom coal) with 1800 cfm air, 10 bph H2O mist. TOOH with bit. Pick up under reamer, TIH with under reamer to 3453'. Under ream from 3453' to 3540'. Open hole from 6 ¼" to 9 ½". Circulate with 1800 cfm air, 10 bph H2O mist

Continued on Back

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

Signed Tracy Ross TRACY ROSS Title Production Analyst Date August 12, 1999

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

FOR RECORD
AUG 19 1999

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.

NMOCD

BY _____

7-19-1999 Under ream from 3540' to 3555'. Open hole from 6 ¼" to 9 ½". Circulate with 1800 cfm air, 10 bph H2O mist. TOOH. Lay down under reamer. TIH with a 6 ¼" bit. Tag fill at 3545' (10' of fill). Clean out from 3535' to 3555' with 1800-cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. Circulate with 1800-cfm air to dry up the hole. TOOH to shoe. Flow test through a ¾" choke as follows: 15 min-27# = 565 mcfd, 30 min-29# = 594 mcfd, 45 min-29.5# = 601 mcfd, 60 min-27# = 565 mcfd. Cavitate well. Surge with 1800 cfm air, 5 bph H2O mist

7-20-1999 Cavitate well. Surge 6 times with 1800 cfm air, 5 bph H2O mist and 8 times with 1800 cfm air, 5 bph H2O and water pads. Pressure up to 1250 psi in 1 ½ hrs, Flow back for ½ to ¾ hrs. Had 20' flares. Heavy water returns, very light coal fines back on last 3 surges. Unable to pressures up above 1250 psi. Pump into formation at this pressure

7-21-1999 Cavitate well. Surge 6 times with 1800 cfm air, 5 bph H2O and water/soap pads. Pressure up to 1250 psi in 1 ½ hrs, Flow back for ½ to ¾ hrs. Had 25' flares. Heavy water returns. One surge up to 2000 psi, had heavy black water returns and coal fines/dust. Bridged well bore off. TIH, tag bridge at 3507'. Clean out with 1800 cfm air, 5 bph H2O mist and 5 bbl water sweeps. Circulate up large amounts of coal fines. Coals maybe running

7-22-1999 Clean out from 3507' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines. Coals running. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a ¾" choke as follows: 15 min-37# = 710 mcfd, 30 min-45# = 826 mcfd, 45 min-46# = 841 mcfd, 60 min-46# = 841 mcfd. TOOH to inspect the drill collars. Q = 841 mcfd

7-23-1999 TOOH to inspect the drill collars. Inspect drill collars. All drill collars checked out OK. TIH to check for fill. Tag fill at 3554', had 1' of fill. TOOH to shoe. Cavitate well. Surge 9 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1150 psi in 1 ½ hr, flow back ½ hr. Had 25' flare, heavy water and light to medium coal dust/fines return on flow back

7-24-1999 Cavitate well. Surge 3 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1150 psi in 1 ½ hr, flow back ½ hr. Had 25' flare, heavy water and light to medium coal dust/fines return on flow back. TIH, tag fill at 3551' had 4' of fill. Clean out from 3534' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a ¾" choke as follows: 15 min-42# = 783 mcfd, 30 min-44# = 812 mcfd, 45 min-44# = 812 mcfd, 60 min-44# = 812 mcfd. Q = 812 mcfd

7-25-1999 Cavitate well. Surge 12 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1150 psi in 1 ½ hr, flow back ½ hr. Had 25' flare, heavy water and light to medium coal dust/fines return on flow back

7-26-1999 TIH, tag fill at 3529'. Had 26' of fill. Clean out from 3507' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a ¾" choke as follows: 15 min-40# = 745 mcfd, 30 min-42# = 783 mcfd, 45 min-42# = 783 mcfd, 60 min-42# = 783 mcfd. Cavitate well. Surge 1 times with natural build up. Pressure up to 720 psi in 4 hrs, flow back 1 hr. Had 25' flare, 2" stream of water and light to medium coal dust/fines return on flow back. Q = 783 mcfd

7-27-1999 Cavitate well. Surge 5 times with natural build up. Pressure up to 820 psi in 4 hrs, flow back 1 hr. Had 25' to 30' flare, 2" to 3" stream of water and light to heavy coal dust/fines return on flow back

7-28-1999 Cavitate well. Surge 2 times with natural build up. Pressure up to 840 psi in 4 hrs, flow back 1 hr. Had 10' to 15' flare, no water and very light dust return on flow back. Maybe bridged off. TIH. Pushed through a small bridge at the shoe. Had no fill on bottom. Clean out from 3539' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines and dust. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Prepare to flow test

7-29-1999 Flow test well through a ¾" choke as follows: 15 min-43# = 797 mcfd, 30 min-44# = 812 mcfd, 45 min-44# = 812 mcfd, 60 min-43# = 797 mcfd. Had 25' flare, no water. Cavitate well. Surge 5 times with natural build up. Pressure up to 780 psi in 4 hrs, flow back 1 hr. Had 25' flare, heavy water and medium to heavy dust/fines return on flow back. Q = 797 mcfd

7-30-1999 Cavitate well. Pressure up to 80 psi. Well bridged off. TIH, tag bridges at 3443', 3500', 3520' and had 8' of fill at 3547'. Clean out from 3507' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines with sweeps. TOOH to shoe. Flow test well through a ¾" choke as follows: 15 min-48# = 870 mcfd, 30 min-50# = 899 mcfd, 45 min-51# = 913 mcfd, 60 min-55# = 971 mcfd. Last reading was wet. Q = 971 mcfd

7-31-1999 Cavitate well. Surge 5 times with natural build up. Pressure up to 745 psi in 4 hrs. Flow back 1 hr. Had medium to heavy coal dust/fines and large amounts of black water returns on flow back. Had 20'-30' flares

8-01-1999 Cavitate well. Surge 2 times with natural build up. Pressure up to 780 psi in 4 hrs. Flow back 1 hr. Had medium to heavy coal dust/fines and large amounts of black water returns on flow back. Had 20'-30' flares. TIH, tag at 3553' (2' of fill). Clean out from 3539' to 3555' with 1800-cfm air, 5 bph H2O mist. Circulate up large amounts of black water, small amounts of coal fines. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a ¾" choke as follows: 15 min-38# = 725 mcfd, 30 min-44# = 812 mcfd, 45 min-45# = 826 mcfd, 60 min-46# = 841 mcfd. Cavitate well, surge 2 times with natural build up. Pressure up to 740# in 4 hrs. Flow back 1 hr. Had medium coal dust/fines and medium amounts of black water returns. Had 30'-35' flare. Q = 841 mcfd

8-02-1999 Cavitate well. Surge 5 times with natural build up. Pressure up to 780 psi in 4 hrs. Flow back 1 hr. Had medium to heavy coal dust/fines and large amounts of black water (3" stream out both blooie lines) returns on flow back. Had 25'-35' flares

8-03-1999 Cavitate well. Surge 2 times with natural build up. Pressure up to 800 psi in 4 hrs. Flow back 1 hr. Had medium to heavy coal dust/fines and large amounts of black water (3" stream out both blooie lines) returns on flow back. Had 30'-35' flares. TIH, tag fill at 3553', 2' of fill. Clean out from 3539' to 3555' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines and black water with sweeps

8-04-1999 Clean out from 3539' to 3555' with 1800-cfm air, 5-bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines and black water with sweeps. Circulate with 1800-cfm air to dry up the hole. TOOH to shoe. Flow test well through a ¾" choke as follows: 15 min-47# = 855 mcfd, 30 min-54# = 957 mcfd, 45 min-55# = 971 mcfd, 60 min-64# = 1102 mcfd. Had 25'-30' flare, last reading was wet. Flow well natural through both blooie lines. TIH, tag fill at 3553', had 2' of fill. Clean out from 3539' to 3555' with 1800-cfm air, 5-bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines and black water. TOOH, lay down 4 ¾" drill collars. Change rams for 5 ½" casing, prepare to run liner. Pick up 4 joints 5 ½" casing and liner hanger. TIH. Land casing at 3554', liner top at 3369'. TOOH, lay down 3 ½" drill pipe. Q = 1102 mcfd

8-05-1999 TOOH, lay down 3 ½" drill pipe. Change rams for 2 3/8" tubing, rig up floor to run tubing. RU Blue Jet and perforate intervals 3450'-3462', 3478'-3502' and 3518'-3555' with 4 spf. Liner: 4 jts 5 ½" 15.5# K-55 LT&C, landed @ 3554', top of liner @ 3369', 72' of lap over in 7". TIH w/ 111 joints 2 3/8" , 4.7#, J-55 EUE 8rd tbg, land at 3516', F-nipple @ 3483'. ND BOP's, NUWH. Rig down service unit. Release rig at 00:00 hrs 08/04/99.