

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

SUBMIT IN TRIPPLICATE

1. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. SF-078766
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254	7. If Unit or CA, Agreement Designation ROSA UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1625' FNL & 1560' FEL, SW/4 NE/4, SEC 25 T31N R6W	8. Well Name and No. ROSA UNIT #256
	9. API Well No. 30-039-24838
	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
	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
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other <u>Cavitation Complete</u>
	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.)*

11-10-1999 MIRU service unit. Try to kill well, tubing plugged. Blow down casing pressure. NDWH, NU BOP equipment. Lay blooie lines

11-11-1999 Change rams for 2 3/8" pipe rams. Finish laying blooie lines. Pull doughnut and trip out of the hole with 2 3/8" production tubing. Lay down tubing. Place drill pipe on racks and tally pipe. Change rams for 3 1/2" pipe rams. PU liner retrieving tool, PU 10-5" drill collars. RU floor for TIH. PU 3 1/2" drill pipe and TIH to top of liner at 2968'. Latch onto liner hanger at 2968'. Work liner free. TOOH with liner, LD 6 joints of 5 1/2" casing. PU 6 1/4" bit and TIH. Tag fill at 3208'. Clean out from 3208' to 3231' with 1800 cfm air, 5 bph H2O mist

11-12-1999 Clean out from 3208' to 3231' with 1800 cfm air, 5 bph H2O mist. TOOH hole for under reamer. Pressure test BOP equipment to 1500 psi, test OK. PU under reamer, TIH to 3055'. Under ream from 3055' to 3231'. Open hole from 6 1/4" to 9 1/2". TIH with under reamer. Change out rotating head rubber. TIH with a 6 1/4" bit. Tag fill at 3215', 16' of fill. CO from 3215' to 3231' with 1800 cfm air, 5 bph H2O mist. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. flow test through a 3/4" choke as follows: 15 min-5# = 246 mcf, 30 min-6# = 261 mcf, 45 min-6# = 261 mcf, 60 min-6# = 261 mcf

11-13-1999 Flow test through a 3/4" choke. 6 psi = 261 mcf. Cavitate well. Surge 8 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 1/2 hrs. Flow back 1/2 hr. TIH, tag fill at 3200', 31' of fill. Clean out from 3200' to 3231' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up medium amounts of coal fines with sweeps

Continued on Back

14. I hereby certify that the foregoing is true and correct
Signed Tracy Ross Title Production Analyst Date November 29, 1999
TRACY ROSS

(This space for Federal or State office use)

Approved by _____ Title _____ Date 12-1-1999

Conditions of approval, if any:

11-14-1999 Clean out from 3200' to 3231' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up medium amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-12# = 348 mcf, 30 min-28# = 580 mcf, 45 min-31# = 623 mcf, 60 min-31# = 623 mcf. Cavitare well. Surge 7 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1700 psi in 1 ½ hr. Flow back for ½ hr. Had 10' flare, Medium mist to heavy black water and light fines on flow back

11-15-1999 Cavitare well. Surge 6 times with 1800 cfm air, 5 bph H2O mist. Build pressure up to 2000 psi in 1 hr. Flow back 1 hr. Had 10'-15' flare, medium to heavy coal fines and heavy black water on flow back. TIH, tag bridge at 3090'. Clean out from 3090' to 3231' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up large amounts of coal fines with sweeps

11-16-1999 Clean out from 3090' to 3231' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-23# = 507 mcf, 30 min-44# = 812 mcf, 45 min-43# = 797 mcf, 60 min-42# = 783 mcf. Cavitare well. Surge 4 times with 1800 cfm air, 5 bph H2O mist. Build pressure up to 1600 psi in 1 ½ hr. Flow back ½ hr. Had 15' flare, heavy black water and medium amounts of coal fines on flow back

11-17-1999 Cavitare well. Surge 5 times with 1800 cfm air, 5 bph H2O mist. Build pressure up to 1800 psi in 1 ½ hr. Flow back ½ hr. Had 15' flare, heavy black water and medium amounts of coal fines on flow back. TIH, tag fill at 3215', 16' of fill. Clean out from 3215' to 3231' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines

11-18-1999 Clean out from 3215' to 3231' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. Coals appear to be running. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-45# = 826 mcf, 30 min-47# = 855 mcf, 45 min-46# = 841 mcf, 60 min-46# = 841 mcf. Cavitare well. Surge 2 times with natural build up. Pressure up to 860 psi in 4 hours. Flow back 1 hour

11-19-1999 Cavitare well. Surge 2 times with natural build up. Pressure up to 790 psi in 4 hours. Flow back 1 hour. TIH, tag fill at 3213'. Clean out from 3213' to 3231' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-35# = 681 mcf, 30 min-45# = 826 mcf, 45 min-50# = 899 mcf, 60 min-55# = 971 mcf

11-20-1999 Complete flow test through a ¾" choke as follows: 45 min-50# = 899 mcf, 60 min-55# = 971 mcf. Surge well with natural 4 hr build ups. Surge # 1 800# 4-hr, returns heavy coal fines, water & 30' flare. Surge # 2 820# 4-hr, returns heavy coal fines, water & 30' flare. Surge # 3 860# 4-hr, returns heavy mist, light coal dust, only 5' flare. Bridged off. PU DP & GIH tagging bridges at shoe 3045' & 3110'. Clean out with 1800 cfm air and 8 bbl soap sweeps. Well bringing back heavy coal fines and water. Coal fines increase on sweeps

11-21-1999 Continue to CO at 3231' with 1800 cfm air and 8 bbl soap sweeps. Returns heavy coal fines on sweeps, and light coal fines in between sweeps. Dry well. LD Drill pipe to shoe. Flow test through a ¾" choke for 1 hr as follows: all readings steady at 70 psig + 12 psig = 82 psig = 1188 mcf. Continue natural surges to 800#, returns light coal fines, water mist and 30' to 40' flare. Shut-in for 2nd surge cycle 820#. Continue surging

11-22-1999 Cavitare well. Surge 3 times with natural build up. Pressure up to 860 psi in 4 hours. Flow back 1 hour. Had 30' flare, medium amounts of coal dust and medium amounts of water on flow back. TIH, tag fill at 3213'. Clean out from 3213' to 3231' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps

11-23-1999 Clean out from to bottom with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-75# = 1261 mcf, 30 min-80# = 1330 mcf, 45 min-82# = 1360 mcf, 60 min-82# = 1360 mcf

11-24-1999 Flow well natural through both blooie lines for 4 hours. TIH, tag light bridge at 3210' and had 5' of fill on bottom. Clean out to bottom with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-78# = 1305 mcf, 30 min-85# = 1406 mcf, 45 min-90# = 1479 mcf, 60 min-90# = 1479 mcf

11-25-1999 Flow well natural through both blooie lines for 4 hours. TIH, tag light bridge at 3210' and had 3' of fill on bottom. Clean out to bottom with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to the shoe. Flow test through a ¾" choke as follows: 15 min-76# = 1276 mcf, 30 min-92# = 1508 mcf, 45 min-95# = 1551 mcf, 60 min-95# = 1551 mcf

11-26-1999 TIH, no fill on bottom. Clean out to bottom with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up light amounts of coal fines with sweeps. TOOH, LD 10-4 ¾" drill collars. Change out collar rams for casing rams. PU 6 joints of 5 ½" casing and liner hanger. TIH with liner, land at 3231', top of liner at 2963'. TOOH, LD 3 ½" drill pipe. Change out pipe rams for tubing rams. Pick up a 4 ¾" disposable mill and 2 7/8" tubing. TIH

11-27-1999 Pick up 2 7/8" tubing. TIH to 3092', mill out perforation plugs from 3092' to 3230'. Pull up and land 101 jts 2-7/8", 6.4#, J-55, EUE 8rd tbg at 3187', STD nipple @ 3152'. ND BOP equipment, NUWH. Drop ball and pump out check. RD service unit. Rig released at 06:00 hrs 11/27/99. Plan move to the yard 11/27/99.