

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 TRIPLICATE		5. Lease Designation and Serial No. SF-078770
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation ROSA UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ROSA UNIT #257
2. Name of Operator WILLIAMS PRODUCTION COMPANY		9. API Well No. 30-039-24596
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254		10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1015' FSL & 790' FWL, SW/4 SW/4, SEC 27 T31N R5W		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Cavitation Complete</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

8-24-1999 Move in and rig up service unit. Kill well with 100 bbls produced water. Had 940 psi shut in pressure. Nipple down well head. Nipple up BOP equipment. Rig up blooie lines. Pressure test BOP equipment to 1000 psi with rig pump. Test OK. Kill well with 60 bbls produced water. Pull doughnut, trip out and lay down 2 3/8" production tubing

8-25-1999 TOOH, lay down 2 3/8" production tubing. Change rams out for 3 1/2" drill pipe. Unload drill collars and drill pipe from baskets and strap. PU liner retrieving tool, 10-4 3/4" drill collars and 3 1/2" drill pipe. TIH to top of liner at 3433'. Screw onto liner, work liner free. TOOH, lost retrieving tool. Must have backed off. TIH, screw back into retrieving tool. Work liner free, TOOH. Recovered retrieving tool and top slips from liner hanger. PU fishing tools (casing spear, bumper sub, jars and accelerator). TIH to top of liner at 3433'. Spear liner and jar on liner

8-26-1999 Jar on liner for 4 hrs, had no movement. Try to release casing spear, unable to release. Jar on tools to release liner or release spear. Worked liner free. Level derrick back up. TOOH with fishing tools and 5 1/2" casing. Lay down 5 joints of 5 1/2". Lay down fishing tools. Change out 5 1/2" rams for 3 1/2" rams. PU 6 1/4" bit and TIH. Tag bridge at 3590'. Clean out from 3575' to 3654' with 1800 cfm air, 5 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 September 13, 1999

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____

Title _____

Date OCT 04 1999
FARMINGTON FIELD OFFICE
BY _____

Conditions of approval, if any:

8-27-1999 Clean out from 3575' to 3654' with 1800 cfm air, 5 bph H2O mist. TOOH with bit. Pick up under reamer, TIH to 3510'. Under ream 6 1/4" to 9 1/2" from 3510'. Could not open under reamer. TOOH with under reamer. PU new under reamer, TIH to 3510'. Under ream 6 1/4" to 9 1/2" from 3510' to 3653'. Circulate hole clean. TOOH with under reamer. TIH with bit

8-28-1999 Clean out from 3575' to 3654' with 1800 cfm air, 5 bph H2O mist. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test, had 20' flare and dry gas. Cavitate well. Surge 9 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 hr, flow back 1 hr. Had 15' to 30' flare, heavy H2O mist and heavy coal dust on returns. TIH in hole, tag bridge at 3590'. Clean out from 3575' to 3606' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up large amounts of coal fines with sweeps

8-29-1999 CO from 3575' to 3654' w/ 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circ up large amounts of coal fines/dust on sweeps. Circ w/ 1800 cfm air to dry up the hole. TOOH to shoe, flow test, had 25' flare and dry gas. Cavitate well, surge 5 times w/ 1800 cfm air, 5 bph H2O mist. Pressure up to 1300 psi in 1 hr, flow back 1 hr. Had 10' to 25' flare, heavy H2O mist and light coal dust on returns

8-30-1999 Cavitate well, surge 1 time with 1800 cfm air, 5 bph H2O mist. Pressure up to 1300 psi in 1 hr, flow back 1/2 hr. TIH, tag bridge at 3629'. CO from 3606' to 3654' w/ 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines/dust on sweeps. Circ with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test, had 25' flare and dry gas. Cavitate well, surge 3 times with natural build up. Pressure up to 840 psi in 3 hr, flow back 1/2 hr. Had 25' to 30' flare, light H2O mist and light coal dust on returns

8-31-1999 Cavitate well. Surge 4 time with natural build up. Pressure up to 895 psi in 4 hr, flow back 1/2 hr. TIH, tag bridge at 3645'. Clean out from 3637' to 3654' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up medium amounts of coal fines/dust on sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test, had 25' flare and dry gas. Q = 1044 mcf/d

9-01-1999 Surge 11 times w/ 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1.75 hrs, flow back 1/2 hr. TIH, tag bridge at 3510'. CO from 3510' to 3606' w/ 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circ up large amounts of coal fines/dust on sweeps

9-02-1999 Clean out from 3575' to 3637' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines/dust on sweeps. Coals running, very tight hole

9-03-1999 Clean out from 3537' to 3653' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines/dust on sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test, cavitate well. Surge with natural build up. Pressure up to 800 psi in 4 hrs. Flow back 1 hr. Had 30'-35' flare, no water and very light coal dust

9-04-1999 Cavitate well. Surge 2 times with natural build up. Pressure up to 740 psi in 4 hrs, flow back 1 hr. Maybe bridged off. TIH, tag bridges at 3600', 3625' and 5' of fill. Clean out from 3625' to 3653' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines/dust on sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test

9-05-1999 Surge 5 times w/ natural build up. Pressure up to 710 psi in 4 hrs, flow back 1 hr. Had light dust to medium fines and a 35' flare

9-06-1999 Surge 5 times w/ natural build up. Pressure up to 740 psi in 4 hrs, flow back 1 hr. Had light dust to medium fines and a 35' flare

9-07-1999 Cavitate well. Surge with natural build up. Pressure up to 740 psi in 4 hrs, flow back 1 hr. Had light dust to medium fines. Light mist to 2" stream of black water and a 35' flare. TIH, tag bridge at 3610'. Clean out from 3610' to 3654' 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 shoe. Flow test, cavitate well. Surge 4 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1050 psi in 1 1/2 hrs, flow back 1 hr. Saw heavy mist, no coal and a 30' flare on flow back

9-08-1999 Cavitate well. Surge 10 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1150 psi in 1 1/2 hrs, flow back 1 hr. Saw heavy mist, light to heavy dust and medium coal fines and a 30' flare on flow back

9-09-1999 Flow back 1 hr. Saw heavy mist, light to heavy dust and medium coal fines and a 30' flare on flow back. TIH, tag bridge at 3620'. Clean out from 3606' to 3654' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up medium amounts of coal fines with sweeps. Circulate to dry up the hole. TOOH to shoe. Flow well natural through both blooie lines. Have 30' flare, no water

9-10-1999 Flow well natural through both blooie lines. Had 30' flare, no water. TIH, tag bridge at 3555'. Clean out from 3544' to 3654' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. TOOH to shoe. Flow natural through both blooie lines for 4 hrs. Had 30' flare, no water. TIH, tag bridge at 3620'. Clean out from 3606' to 3654' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up small amounts of coal fines. TOOH to shoe. Flow natural through both blooie lines. Had 30' flare and no water

9-11-1999 Flow well natural through both blooie lines. Had 30' flare, no water. TIH, tag 6' of fill at 3647'. Clean out from 3637' to 3654' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up small amounts of coal fines. TOOH to shoe. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test, had 35' flare, dry gas. TOOH, LD DC's. PU 5 jts of 5 1/2", 15.5#, K-55, LT&C csg, liner hanger and TIH. Land liner at 3654'. Set hanger at 3428'. TOOH, LD DP

9-12-1999 TOOH, LD DP. Change out rams for 2 3/8" tubing. RU to run tubing. RU Blue Jet and perforate intervals 3528'-3552', 3578'-3602', 3618'-3653' with 4 jet shots per foot. Pick up 117 jts 2 3/8", 4.7#, J-55, EUE 8rd production tbg, TIH. Land tubing at 3609', F-nipple @ 3576'. Pull tbg plug. ND BOP equipment and NUWH. Rig down service unit and release rig at 24:00 hrs 09/11/99