Submit 3 Copies State of New Mexico Form C-103 Revised 1-1-89 To Appropriate Energy, Minerals and Natural Resources Department District Office WELL API NO. DISTRICT I OIL CONSERVATION DIVISION P.O. Box 1980, Hobbs, NM 88240 2040 South Pacheco 30-039-26202 Santa Fe, NM 875055 Indicate Type of Lease DISTRICT II 811 South First, Artesia NM 88210 STATE DISTRICT III State Oil & Gas Lease No. 1000 Rio Brazos Rd., Aztec, NM 87410 120782 SUNDRY NOTICES AND REPORTS ON WELLS Lease Name or Unit Agreement Name: (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OF PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM CLOW) FOR SUCH ROSA UNIT **PROPOSALS** 1. Type of Well: Gas Well Other Oil Well Well No. 2. Name of Operator WILLIAMS PRODUCTION COMPANY 342

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSECUENT REPORT OF: PERFORM REMEDIAL PLUG AND ABANDON REMEDIAL WORK **ALTERING CASING** WORK COMMENCE DRILLING OPNS. TEMPORARILY ABANDON CHANGE PLANS PLUG AND **ABANDONMENT** CASING TEST AND CEMENT JOB PULL OR ALTER CASING OTHER: OTHER: COMPLETION

Unit letter G: 850 feet from the NORTH line & 705 feet from the EAST line Sec 21-31N-06W RIO ARRIBA, NM 10. Elevation (Show whether DF, RKB, RT, GR, etc.

6316' GR

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

08-16-2001 TIH, PU DP, RU power swivel, tag cmt @ 2980'. Pressure test pipe rams & HCR valves to 2000#, held OK. Drill cmt & float equipment. Drilling 6 1/4" hole from 3030' to 3205', TD hole @ 3205', 1600 hrs, 8/15/01. Circulate & condition, TOOH for under reamer. PU under reamer & TIH. Load hole, under ream from 3040' to 3204', open hole from 6 1/4" to 9 1/4", TOOH w/ under reamer

I hereby certify that the information above is true and complete to the best of my knowledge and belief. TITLE: PRODUCTION ANYALST DATE: November 9, 2001 SIGNATURE\_ TRACY ROSS Telephone No: (918) 573-6254 Type or print name\_ (This space for State use)

Continued on Back

DEVIT OIL & GAS INSPECTOR, PASSE APPROVENIENT SIGNED BY CHARGE T. NOV 13 2001 TITLE

3. Address of Operator

Well Location (Surface)

P O BOX 3102, MS 37-2, TULSA, OK 74101

Pool name or Wildcat

BASIN FRUITLAND COAL

- 08-17-2001 TOOH w/ under reamer, TIH w/ 6 1/4" bit, PU power swivel, tag @ 3203'. Unloaded well @ 3205', dry well, TOOH to csg shoe. Pitot test 434 mcfd. Shut in for natural build, final pressure in 4 hrs 995#. Flow well, surge well natural 1 time, final pressure in 5 hrs 880#. Light returns, surge well 14 times w/2700CFM, 10 bbls/hr mist. End pressure 1200#. Returns: coal-light-fines, shale- light-fines
- 08-18-2001 Surge 18 times w/2700cfm, 10-12 bbls/hr mist, 5 bbls H20 w/ rig pump. Starting pressure 350#-400#. End pressure 1200#-1700#. Returns: Coal light fines. Shale light fines. TIH, tag @ 3044', CO well from 3044' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: coal 90%, shale 10%. Coal: in H20 gray, fines to 1/8" pieces. Shale: fines to 1/8" pieces. Dry well, TOOH to csg shoe, flow well
- 08-19-2001 PITOT test 752 mcfd. Shut in for Natural Build. Final Pressure -1125#. Surge Well Natural 3 Time. Final Pressures W/2 hr Build 870#, 940#, 920#. Returns: COAL-LIGHT-Dust to fines, SHALE-LIGHT- Dust to fines. Surge 9 times W/2700cfm, 10-12bbls/hr mist, 5 bbls H20 Rig Pump. Starting Press. 0-350#, End Press. 1550-1700#. Returns: coal heavy fines to ¼". Shale: light fines to 1/8". TIH, Tag @ 3044', CO well from 3050' to 3066' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: Coal 90 % shale 10%. Coal: Coal in H20 gray, fines to 1/8" pieces. Shale: fines to 1/8" pieces
- 08-20-2001 CO well from 3066' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: coal 90%, shale 10%. Coal: coal in H2O gray, fines to 1/8" pieces. SHALE: fines to 1/8" pieces. TOH to Casing Shoe. Surge 19 times W/2700cfm, 10-12 bbls/hr mist, 5 bbls H2O Rig Pump. Starting Press. 0-350#, end Press.1550-1700#. Returns: coal- heavy- fines to ½" shale light fines to 1/8". TIH, tag @ 3128'. CO well from 3120' to 3128' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: coal 90%, shale 10%. Coal: coal in H2O gray, fines to 1/8" pieces. SHALE: fines to 1/8" pieces
- Q8-21-2001 CO well from 3128' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: Coal 90%, Shale 10%. Coal: Coal in H20 gray, fines to 1/8" pieces. SHALE: fines to 1/8" pieces. TOOH to csg shoe. Surge 6 times W/2700cfm, 10-12bbls/hr mist, 5 bbls H20 Rig Pump. Starting Press. 0-350#, End Press.1550-1700#. Returns: COAL-VERY HEAVY- Fines to 1/2" SHALE- Medium Fines to 1/8". TIH, tag @ 3050', C/O Well F/3050' T/3205' W/1800cfm, 10-12bbls/hr mist (H2O & soap) 10 Bbl H2O sweeps. Light returns: Coal 90%, Shale 10% Coal: Coal in H20 BLACK, fines to 1/8" pieces. Shale: fines to 1/8" pieces. TOOH to csg shoe. Surge 4 times W/2700cfm, 10-12bbls/hr mist, 5 bbls H20 Rig Pump. Starting Press. 0-350#, End Press.1550-1700#. Returns: Coalvery heavy- fines to 1/2" shale-medium fines to 1/8". TIH, Tag @ 3050', CO well from 3050' to 3076' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: Coal 90%, Shale 10% Coal: Coal in H20 BLACK, fines to 1/8" pieces. Shale: fines to 1/8" pieces
- <u>08-22-2001</u> CO well from 3076' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. LIGHT returns: Coal 90%, shale 10%. Coal: Coal in H20 gray, fines to 1/8" pieces. Shale: fines to 1/8" pieces. Blow well try, TOOH to csg shoe. Pitot test 1520 mcfd. SI for natural build. Final pressure 980#. Surge 7 times W/2700cfm, 10-12bbls/hr mist, 5 bbls H20 Rig Pump. Starting Press. 0-350# End Press. 1200-1350#. Returns: Coalvery-heavy-fines to 1/2". Shale medium fines to 1/8". Q = 1520 mcfd
- 08-23-2001 Surge 3 times w/2700cfm, 10-12 bbls/hr mist, 5 bbls H20 rig pump. Starting pressure 0# 350#, ending pressure 1200# 1350#. Returns: Coal-very heavy-fines to 1/2". Shale medium-fines to 1/8". TIH, Tag @ 3056', CO well from 3056' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: Coal 90 % Shale 10% Coal: Coal in H20 gray, fines to 1/8" pieces. Shale: fines to 1/8" pieces. Blow well dry, TOOH to csg shoe. Pitot test 1374 mcfd. SI for natural build, final pressure 920#. Surge Well Natural 3 Time. Final Pressures w/ 2 hr build 870#, 940#, 920#. Returns: coal-light-dust to fines, shale-light-dust to fines
- <u>08-24-2001</u> Surge well natural 3 times. Final pressures w/ 2 hr build 870#, 940#, 920#. Returns: Coal light dust to fines. Shale light dust to fines. TIH, tag @ 3056', CO well from 3056' to 3177' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Light returns: coal 90%, shale 10%. Coal: coal in H2O gray, fines to 1/8" pieces. Shale: fines to 1/8" pieces
- <u>08-25-2001</u> CO well from 3066' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H20 black, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Blow well dry, TOOH to csg shoe. Pitot test 1991 mcfd. SI for natural build. Final pressure 900#. Building pressure for natural surge

<u>08-26-2001</u> Surge well natural 4 times. Final pressures w/ 4 hr build 920#, 920#, 920#, 900#. Returns: coal-medium-dust to fines, shale-light-dust to fines. Surge well natural 2 times. Final pressures w/ 3 hr build 900#, 900#. Returns: coal-medium-dust to fines, shale-light-dust to fines

08-27-2001 Surge well natural 2 times. Final pressures w/ 2 hr build: 900#, 900#. Returns: coal-medium-dust to fines, shale-light-dust to fines. TIH, tag @ 3050', CO well from 3050' to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O black, fines to ½" pieces. Shale: fines to 1/8". LD 3 jts DP, hole tight & packing off. CO well from 3066' to 3128' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O black, fines to ½" pieces. Shale: fines to 1/8"

<u>08-28-2001</u> CO well from 3066' to 3205' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: Coal in H2O black, fines to ½" pieces. Shale: fines to 1/8" pieces. Blow well dry, TOOH to csg shoe. Pitot test – 1917 mcfd. SI for natural build

<u>08-29-2001</u> Shut in for natural build. Final pressure – 860#. Surge well natural 5 times. Final pressures w/ 4 hr build 900#, 900#, 900#, 860#, 900#. Returns: coal-medium-dust to fines. Shale-light-dust to fines

08-30-2001 Surge well natural 1 time. Final pressures w/4 hr build 900#. Returns: coal-medium-dust to fines. Shale-light-dust to fines. TIH, Tag @ ', CO well to 3205' w/1800cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: Coal 90%, shale 10%. Coal: coal in H20 black, fines to ½" pieces. Shale: fines to 1/8". Hole bridges. LD 2 jts DP. CO well from 3125' to 3205' to w/ 2700 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O black, fines to ½" pieces. Shale: fines to 1/8"

08-31-2001 Finish CO well from 3125' to 3205' w/2700 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. COAL: Coal in H20 black, fines to ½" pieces. SHALE: fines to 1/8". Dry well, pull 6 jts DP in preparation for Pitot test. Flow thru blooie lines. Pitot test: 2130 mcfd. Surge well natural 3 times. Final pressures w/ 4 hr build 800#, 820#, 860#. Returns: coal-medium-dust to fines, shale-light-dust to fines

09-01-2001 Surge well natural 5 times. Final pressures w/ 4 hr build 820#, 820#, 810#, 830#, 830#. Returns: coal-medium-dust to fines, shale-light-dust to fines. TIH to CO well. TIH to bottom. 2' of fill on bottom. Surge well 9 times w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 100#. Final pressures w/ 45 min build from 1500-1550 psi. First 3 surges returns: coal-light to medium – fines to 1/8". Shale-0-medium-fines to 1/8". Last 6 surges returns: coal-medium-heavy-fines to 3/8". Shale-0-medium. Fines to 1/8"

<u>09-02-2001</u> Surge well 2 times w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 100#. Final pressures w/ 45 min build for 1500-1550 psi. First 3 surges returns: coal-light to medium-fines to 1/8". Shale-0-medium-fines to 1/8". Last 6 surges returns: coal-medium-heavy-fines to 3/8". Shale-0-medium-fines to 1/8". TIH to CO well from 3066' to 3200' w/ 1800 cfm and 10 bph mist sweeps. Dry well for test. Pull up into csg. Flow well thru blooie lines. Pitot test: 1948 mcfd. SWI for build up. Build from 40# to 890# in 6 hrs. Still building after 6 hrs. Suge well 5 times w/ 2700 cfm, 10 bbls/hr msit, 10 bbls H2O w/ rig pump. Starting pressure 100#. Final pressures w/ 1 hour builds from 1100-1300 psi. Coal-medium-fines to 3/8". Shale-0-medium-fines to 1/8"

<u>09-03-2001</u> Surge well 12 times w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 350#. Final pressures w/ 1 ½ to 2 hour builds from 1300-1650 psi. Surge returns: coal-medium to heavy-fines to 3/8". Shale-0-medium-fines to 1/8"

09-04-2001 Surge well 1 time w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 400#. Final pressure w/ 1 hour build to 1500 psi. Surge returns: coal-heavy-fines to 3/8". Shale-0-medium-fines to 1/8". TIH, tag @ 3056'. CO well from 3056' to 3200' w/ 1800 cfm and 10 bph mist sweeps. Dry well, pull up into csg. Pitot test – 2237 mcfd. Surge well 5 times w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 400#. Final pressure w/ 1 ½ to 2 hour build to 1500 psi. Surge returns: coal-medium to heavy-fines to 3/8". Shale-0-medium-fines to 1/8"

09-05-2001 Surge well 2 times w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 400#. Final pressure w/ 1.5 to 2 hour build to 1500 psi. Surge returns: coal-heavy-fines to 3/8". Shale-0-medium-fines to 1/8". TIH, tag @ 3056'. CO well from 3056' to 3200' w/ 1800 cfm and 10 bph mist sweeps. Pull into csg. Surge well 1 time w/ 2700 cfm, 10 bbls/hr mist, 10 bbls H2O w/ rig pump. Starting pressure 400#. Final pressure w/ 1 hour build to 1500 psi. Surge returns: coal-heavy-fines to 3/8". Shale-0-medium-fines to 1/8". CO well from 3050' to 3096', heavy coal returns

O9-06-2001 CO well from 3066' to 3158' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: Coal 90%, shale 10%. Coal: Coal in H20 black, fines to ½" pieces. Shale: fines to 1/8". LD 3 jts DP, hole tight & packing off. CO well from 3066' to 3128' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: Coal 90%, Shale 10%. Coal: Coal in H20 black, fines to ½" pieces. Shale: fines to 1/8". Stuck @ 3096', equalize well bore pressure, free DP. PU to csg shoe. CO well from 3034' to 3096' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: Coal 80%, shale 20%. Coal: Coal in H20 black, fines to 1/4" pieces. Shale: fines to 1/8"

<u>09-07-2001</u> CO well from 3066' to 3096' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: Coal 70%, shale 30%. Coal in H2O black, fines to 1/4" pieces. Shale fines to 1/8"

<u>09-08-2001</u> CO well from 3066' to 3096' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 1/4" pieces. Shale: fines to 1/8". TOOH to casing shoe, hang power swivel. TOOH to check bit #4, TIH w/ bit #4. Cut 100' of drilling line. Dig out blow pit w/ track hoe. TIH tag @ 3066',CO well from 3066' to 3096' w/1800-2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 1/2" pieces. Shale: fines to 1/4"

<u>09-09-2001</u> CO well from 3066' to 3096' w/1800-2700cfm, 10-20 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 3/4" pieces. Shale: fines to 3/4"

09-10-2001 CO well from 3066' to 3096' w/1800-2700cfm, 10-20 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 3/4" pieces. Shale: fines to 1". TOOH to csg shoe & load hole w/ H2O. Blow down w/ air. CO well from 3066' to 3096' w/ 800-2700cfm, 10 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 1/2" pieces. Shale: fines to 1/2"

09-11-2001 CO well from 3066' to 3104' w/1800-2700cfm, 10-20 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 80%, shale 20%. Coal: coal in H20 black, fines to 1/2" pieces. Shale: fines to 34". TOOH to csg shoe & CO blow pit w/ backhoe. CO well from 3066' to 3104' w/1800-2700cfm, 10 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 1/2" pieces. Shale: fines to 1/2"

09-12-2001 CO well from 3066' to 3096' w/1800-2700cfm, 10-13 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 80%, shale 20%. Coal: coal in H20 black, fines to 1/2" pieces. Shale: fines to 3/4"

09-13-2001 CO well from 3066' to 3128' w/1800-2700cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 80%, shale 20%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to 34"

09-14-2001 CO well from 3066' to 3128' w/1800-2700cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 80%, shale 20%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to ¾". TOOH to csg shoe. Surge well I times w/ 2700cfm, 10 bbls/hr mist. Starting pressure 100#. Final pressures w/ 2hr build from 800 psi. Returns: coal-light-fines. Shale – light-fines. TIH, tag @ 3076', CO well from 3076' to 3128' w/1800-2700cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: Coal 80%, shale 20%. Coal: Coal in H20 black, fines to 1" pieces. Shale: fines to ¾"

09-15-2001 CO well from 3096' to 3128' w/1800cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: Coal 80%, shale 20%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to ¾". CO well from 3066' to 3128' w/900cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: Coal 80%, shale 20%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to ¾". TOOH to csg shoe to CO blow pit. SWI & CO blow pit w/ backhoe. Surge well natural 1 time, 2.5hr build, initial pressure 100#. Final pressure 500#. Very heavy returns: coal 80%, shale 20%. Caol: fines to 1/2" pieces. Shale: fines to ¾". TIH, tag @ 3110', CO well from 3096' to 3128' w/900-1800cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Very heavy returns: coal 80%, shale 20%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to ¾".

<u>09-16-2001</u> CO well from 3128' to 3175' w/900-1800cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. <u>Very heavy</u> returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to 1" pieces. Shale: fines to 34"

<u>09-17-2001</u> CO well from 3128' to 3189' w/900-1800cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. <u>Very heavy</u> returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to ¾" pieces. Shale: fines to ¾"

<u>09-18-2001</u> TOOH to csg shoe, weld hole in mud cross. TIH, Tag @ 3118', CO well from 3128' to 3205' w/900-1800cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. <u>Very heavy</u> returns: Coal 70 % Shale 30% COAL: Coal in H2O black, fines to <sup>3</sup>4" pieces. SHALE: fines to <sup>3</sup>4"

<u>09-19-2001</u> CO well from 3185' to 3205' w/900-1800 cfm, 10-16 bbls/hr mist (H2O & soap) 5-10 bbl H2O sweeps. Hole tight & packing off. Heavy returns: coal 70%, shale 30%. Coal: coal in H20 black, fines to ¾" pieces. Shale: fines to ¾". LD 7 jts DP & hang swivel. TOOH to run liner. Change out rams

09-20-2001 Change out rams, RU to run liner. PU liner, TIH, run liner as follows: 1 bit – .60', 1 FS – 1.0', 5 jts 5 ½' 17#, N80 – 275.67', hanger – 4.75', total length liner 282.02'. Tagged @ 3128'. Wash liner from 3128' to 3173' w/2700cfm, 10-12 bbls mist 10-15 bbl H2O sweeps. Liner stuck @ 3173', pressure up backside, liner free. Hang liner, bottom of liner @ 3173', top of liner @ 2892'. LD swivel, DP, hanger & DC's. ND stripper head. Log & perforate. NU stripper head. RU to run tbg, change out rams, blow well down. Run 95 jts 2-7/8'' tbg & land in doughnut, exp check set @ 3143'. ND & split BOP stack

 $\underline{09-21-2001}$  ND & split BOP stack. NU master valve. Drop ball, pump off check @ 1100#. Release rig @ 2000 hrs  $\underline{9/20/01}$