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In Lieu of Form 3160 (June 1990)

UNITED STATES DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT Farmington Field Office

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

Form fields 1-11: 1. Type of Well (Oil Well, Gas Well X, Other); 2. Name of Operator (WILLIAMS PRODUCTION COMPANY); 3. Address and Telephone No (PO Box 640 Aztec, NM 87410-0640); 4. Location of Well (Footage, Sec, T., R., M., or Survey Description) (Sur: 1895' FNL & 1915' FWL BHL: 1166' FNL & 1157' FWL SEC 26, 31N, 5W); 5. Lease Designation and Serial No (NMSF-078768); 6. If Indian, Allottee or Tribe Name; 7. If Unit or CA, Agreement Designation (Rosa Unit); 8. Well Name and No (Rosa Unit #377A COM); 9. API Well No (30-039-29925); 10. Field and Pool, or Exploratory Area (Basin Fruitland Coal); 11. County or Parish, State (Rio Arriba, New Mexico)

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Completion Sundry, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water.

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.)\*

09-18-2008

Recap. Load out equipment on Triple S trucks, Road rig & equipment from Rosa #258A to Rosa # 377A, --- Spot rig ramp, set rig on ramp, spot surface equipment, spot air package. --- RU surface equipment, ND WH NU BOP & blooie lines, RU floor & tongs, secure well & equipment, SDFN, no accidents reported

09-19-2008

Recap: Travel to location, crew pickup broke down, wait on replacement --- SM w/ all personnel on location --- Tally, PU, MU & RIW 6-1/4 tooth bit, bit sub, eight 4-3/4" DC's, X-over sub, & 77 jts 2-7/8" AOH DP, Rig winch broke, Unable to repair on location, remove and take in for repair. --- Secure well & location, SDFN, no accidents reported.

09-21-2008

Recap PU & RIW 21jts DP, --- PU & RU 3.5 PS, PU & MU 1 jt DP, tag cmt @ 3381' DO FC @ 3403', DO cmt to shoe @ 3452', DO 7" csg shoe. --- Begin drilling new formation @ 3452' Choquette well logging on location. DO to 3526' --- LD 2 jt DP, pull into 7" csg, secure well & location SDFN, no accidents reported.

RCVD NOV 4 '08 OIL CONS. DIV.

14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins

Title Drilling COM

Date October 27, 2008

DIST. 3

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Title

Date NOV 03 2008

Conditions of approval, if any:

FARMINGTON FIELD OFFICE

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

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09-22-2008

Recap: Break circulation w/ produced coal water. --- Begin drilling new formation @ 3526' Choquette well logging on location. DO to TD @ 3691'. --- Circulate bottoms up. --- RU Basin WL, PU Scientific Drilling Gyro & RIW. POOW w/ WL & Gyro, RD Basin WL. Deviation @ TD 14 07 degrees. --- Tie air package to Drill string, unload wtr w/ air --- LD 8 jts DP, pull into 7" csg, secure well & equipment, SDFN, no accidents reported.

09-23-2008

*Pt 7" csg to 1500' 30 min - OK. per L.W. 11/10/08*  
Recap: SICIP 840 psi, blow well down to pit @ blooie line --- TOH & stand back DP & DC's, break off bit --- PU under reamer, MU & RIW w/ 8 4-3/4" DC's, & 100 jts DP --- RU 3.5 PS, break circ w/ 10bph A/S mist open under reamer arms @ 3462' 6' below shoe --- UR 6-1/4" to 9-1/2", from 3462' to 3691'. --- Pump 5 bbl sweep, blow well clean, LD 8 jts DP. RD & LD 3.5 PS --- FLOW TEST: Duration = 1/2 hr, Test Method = pitot, MCF/D = 404 Mcfd, Csg Psi = 7 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, --- Secure well & equipment, SDFN, no accidents reported.

09-24-2008

Recap: SICIP 1020 psi, blow well down to pit @ blooie line --- TOH & stand back DP & DC's, break off UR & LD --- PU 6-1/4" bit, MU & RIW w/ 8 4-3/4" DC's, & 108 jts DP --- RU 3.5 PS, break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat & 1/2 gal corrosion inhibitor per 20bbl produced water, no tag & no fill, pump sweeps from TD @ 3691' unloaded heavy fine to 1/4" coal & heavy black water --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS --- RU for surging, Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, no accidents reported.

09-25-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ all personnel on location SICIP 620 psi, surge well to pit @ blooie line --- RU 3.5 PS, break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat & 1/2 gal corrosion inhibitor per 20bbl produced water, PU DP singles, tag fill @ 3685' 6' of fill. work pipe & pump sweeps as needed, returned med fine to 1/8" coal and med black water. --- Blow well dry w/ air --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 354 Mcfd, Csg Psi = 5 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line, --- Turn well over to flow back hand & air hand for overnight cavitation --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum.

09-26-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ all personnel on location SICIP 650 psi, surge well to pit @ blooie line --- PU & RU 3.5 PS PU DP singles & RIW, tag bridge @ 3526'. break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3685', 6' of fill cleanout to TD @ 3843'. --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS --- Flare gas & evaporate pit water. Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

09-27-2008

Recap: 4 hr SICIP 650# Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, returns it to med fine coal & light grey water.

09-28-2008

Recap: 4 hr SICIP 520# Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, returns light to med fine coal & light grey water.

09-29-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ all personnel on location SICIP 0 psi, bridged off in 7" @ 3445', surge well to pit @ blooie line, no returns --- PU & RU 3.5 PS PU DP singles & RIW, tag bridge @ 3445' 7" into 7" csg, break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3688', 3' of fill, work pipe & pump sweeps as needed cleanout to TD @ 3691' --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 492 mcf/d, Csg Psi = 10 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

09-30-2008

Recap: Cavitate from shoe w/ natural & energized surges to 1000 psi, chase all surges w/ air mist for 30min minimum, --- AWS monthly safety meeting, travel to location --- SM w/ rig crew, SICIP 760 psi, surge well to pit @ blooie line --- PU & RU 3.5 PS PU DP singles & RIW, tag bridge @ 3527' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3688', 3' of fill, work pipe & pump sweeps as needed cleanout to TD @ 3691'. --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS --- Secure well & equipment. Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

10-01-2008

Recap Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ rig crew, SICIP 900 psi, surge well to pit @ blooie line --- PU & RU 3.5 PS PU DP singles & RIW, tag bridge @ 3527' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3686', 5' of fill, work pipe & pump sweeps as needed cleanout to TD @ 3691', --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCFD = 600 Mcfd, Csg Psi = 15 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

10-02-2008

Recap Cavitate from shoe w/ natural & energized surges, SICIP 900 psi, surge well to pit @ blooie line --- PU & RU 3.5 PS PU DP singles & RIW, tag bridge @ 3527' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, work pipe & pump sweeps as needed, cleanout to 3630' 61' off TD @ 3691' power swivel wouldn't stay running, called Knight Oil Tools they will send out a mechanic. --- LD 6 jts DP, pull into 7" csg, hang off PS --- Flare gas & evaporate pit water --- Turn well over to flow back hand & air hand for overnight cavitation Continue to flare gas & evaporate pit water. --- Cavitate from shoe w/ natural & energized surges to 1000 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

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10-03-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location. --- SM w/ rig crew, air hand, and Knight hands. SICP 910 PSI, surge well to pit down blooie line. --- PU & RU 3.5 PS PU DP singles & TIH, tag bridge @ 3500', break circ w/ 10 bph air-mists w/ 1gal foamer, 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal, med black water, work pipe & pump sweeps as needed, clean out to 3621', 70' off TD @ 3691'. Power swivel wouldn't stay running. Knight Oil Tools mechanic working on equipment since morning unable to repair Stewart and Stevenson on their way out to repair PS. --- Run air only to Dry up well. Flow well 1 hr to get air out of well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 687 Mcfd, Casing PSI = 20oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- LD 5 Jts DP, leave 20' below shoe to keep from bridging off in 7" csg. --- Turn well over to flow back hand & air hand for overnight cavitation. Continue to flare gas & evaporate pit water during natural flow between surges. Cavitate 20' below shoe w/ natural & energized surges to 1200 PSI, chase all surges w/ air mist for 30 min, no accidents reported.

10-04-2008

Recap: Flow back and air hand Cavitate PSI/ Nat. w/ air & mist to 1200 PSI w/ 1hr soak.

10-05-2008

Recap: Flow back hand & air hand Cavitate well w/ energized & natural surges.

10-06-2008

Recap: Flow back and air hand, Cavitate well w/ energized & natural surges. --- TIH w/ DP tag for fill, tagged fill @ 3480', 211' above TD @ 3691'. Break circ w/ 10bph air/mist 1gal foamer, 1/2 gal corrosion inhibitor/shale treat per 20 bbls produced water. Returns hvy 2" coal to fine, med shale fines, hvy black water, med gas. CO to 3526', 165' above TD, unable to co to TD due to swivel not working. Mechanic unable to find problem, Knight Oil Tool will send out rebuilt swivel, well tight all the way down. --- Secure well, SDFN, no accidents reported. Turn well over to flow back and air hand to flow well to burn off water.

10-07-2008

Recap: Flow back & Air hand flow well burn off water from pit. --- Well is SI for a 4 HR Nat Build. Crew Travel to location from Aztec --- SM w/ crew and air hand on location. Service & start rig and equipment. Surge released, returns light coal, light shale, hvy black water. --- Change out 3 5 PS from Knight Oil Tools. --- PU & RU 3.5 PS. PU DP singles & RIW, Tagged Bridge @ 3480'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3497', 194' of fill, work pipe & pump sweeps as needed; CO to TD @ 3691' --- LD 2 Jts DP. Blow well Dry w/ Air Only. --- LD 5 Jts DP, pull into shoe & flow well 1 hr to get air out of well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 752 Mcfd, Casing PSI = 24oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line --- Turn over to Flow back & air hand for 4 hr Nat Build Surge.

10-08-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ rig crew, SICP 850 PSI. Surge well to pit @ blooie line. --- PU & RU 3.5 PS, PU DP singles & TIH. Tag bridge @ 3480'. Break circ w/ 10 bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, work pipe & pump sweeps as needed. Cleanout to 3645', 46' off TD @ 3691'. --- LD 6 Jts DP, pull up to shoe, hang off PS. --- Turn well over to flow back hand & air hand for overnight cavitation Cavitate from shoe w/ natural & energized surges to 1000 psi, chase all surges w/ air mist for 30 min minimum, no accidents reported.

10-09-2008

Recap: Flow back and Air hand flow well burn off water from pit. --- Well is SI for a 4 hr Nat Build. Surge released, returns light coal, light shale, hvy black water. --- PU & RU 3.5 PS. PU DP singles & RIW, Tag Bridge @ 3480' break circ w/ 10 bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, 1/2 gal corrosion inhibitor per 20 bbls produced water. Clear bridge, unload med fine to 1/4" coal & med black water, tagged fill @ 3631', 60' of fill, work pipe & pump sweeps as needed clean out to TD @ 3961'. --- LD 2 Jts DP, blow well dry w/ AIR ONLY. --- LD 5 Jts DP, pull into shoe & flow well 1 hr to get air out of well. --- FLOW TEST Duration = 1hr, Test Method = Pitot, MCF/D = 801mcf/d, Casing PSI = 28oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn over to flow back & Air hand for energized & Natural Surges

10-10-2008

Recap: Cavitate well w/ energized and natural surges. --- Well is SI for a 4HR Nat Build Crew traveled to location from Aztec --- SM w/ crew and air hand on location. Service and start rig and equipment, SICP 620 PSI. Surge released, returns light coal, light shale, hvy black water. PU & RU 3.5 PS- PU DP singles & RIW, tag bridge @ 3480' break circ w/ 10 bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, tag fill @ 3661', 30' of fill, work pipe & pump sweeps as needed clean out to TD @ 3691' --- LD 2 Jts DP. Blow well dry w/ Air Only --- LD 5 Jts DP, pull into she & flow well 1hr to get air out of well. --- FLOW TEST Duration = 1hr, Test Method = Pitot, MCFD = 801 Mcfd, Casing PSI ≈ 28ozs, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. --- Turn over to flow back & air hand for energized surges.

10-11-2008

Recap: Cavitate well w/ energized and natural surges.

10-12-2008

Recap: Cavitate from shoe w/ natural & energized surges to 1000 psi, chase all surges w/ air/mist until clean. Flare gas & evaporate pit water while flowing well

10-13-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location --- SM w/ rig crew, SICP 750 psi, surge well to pit @ blooie line --- PU DP singles & RIW, tag bridge @ 3480' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, --- While cleaning out, rig operator sent rig hand to work pipe up & down, rig hand PU DP & ran stiff arms on power swivel into tbg board on rig, broke 1 pin on the stiff arm and broke 1 tbg finger on the tbg board. No one was injured, --- LD 2 jts DP & pull into 7" csg, RD & LD PS --- SD waiting on repairs to PS & tbg board --- PU & RU 3.5 PS, Secure well & equipment, turn well over to flowback hand and air hand for cavitation. --- Cavitate from shoe w/ natural surges.

10-14-2008

Recap: Cavitate from shoe w/ natural surges, Travel to location --- SM w/ rig crew, SICP 750 psi, surge well to pit @ blooie line --- PU DP singles & RIW, tag bridge @ 3480' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, Tagged fill @ 3570' 121' of fill, clean out fill to 3650' 41' off TD @ 3691'. Returns are very heavy fine to 1/4" coal and shale up to 1". Work pipe & pump sweeps as needed to cleanout --- LD 5 jts DP & pull into 7" csg, hang off PS --- Secure well & equipment, turn well over to flowback hand and air hand for cavitation --- Cavitate from shoe w/ natural surges.

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### 10-15-2008

Recap: Cavitate from shoe w/ natural surges, Travel to location --- SM w/ rig crew, SICP 720 psi, surge well to pit @ blooie line --- PU DP singles & RIW, tag bridge @ 3480' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal & med black water, Tagged fill @ 3631' 60' of fill, clean out fill to TD @ 3691'. Returns are med fine to 1/4" coal Work pipe & pump sweeps as needed to cleanout. --- Blow well dry w/ air --- LD 8 jts DP & pull into 7' csg --- Secure well & equipment, turn well over to flowback hand and air hand for cavitation. --- Cavitate from shoe w/ natural surges.

### 10-16-2008

Recap Cavitate from shoe w/ natural surges, Travel to location --- SM w/ rig crew, SICP 840 psi, surge well to pit @ blooie line --- PU DP singles & RIW, tag bridge @ 3490' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal, up to 1" shale & med black water, Tagged Bridge @ 3580'; clean out to TD @ 3691'. Returns are med fine to 1/4" coal, work pipe & pump sweeps as needed to cleanout. --- Blow well dry w/ air. --- LD 8 jts DP & pull into 7' csg. --- Secure well & equipment, turn well over to flowback hand and air hand. --- Flow well to pit, flare gas & evaporate pit water.

### 10-17-2008

Recap: Flow well to pit, flare gas & evaporate pit water. --- SM w/ rig crew, start & check equipment --- PU DP singles & RIW, Tag Bridge @ 3490' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal, & med black water, Tagged bridge @ 3580', clean out to TD @ 3691'. Returns are med fine to 1/4" coal Work pipe & pump sweeps as needed to cleanout --- Blow well dry w/ air --- LD 8 jts DP & pull into 7' csg --- **FLOW TEST: Duration = 1 hr, Test Method = pitot, MCFD = 869 Mcfd, Csg Psi = 32 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line.** --- Secure well & equipment, turn well over to flowback hand and air hand --- Flow well to pit, flare gas & evaporate pit water

### 10-18-2008

Recap: Flow well to pit, flare gas & evaporate pit water. --- SM w/ rig crew, start & check equipment. --- PU DP singles & RIW, Tag Bridge @ 3500' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal, & med black water, Tagged Bridge @ 3590', clean out to TD @ 3691'. Returns are med fine to 1/4" coal, work pipe & pump sweeps as needed to cleanout. --- Blow well dry w/ air. --- LD 8 jts DP & pull into 7' csg. --- Secure well & equipment, turn well over to flowback hand and air hand. --- Flow well to pit, flare gas & evaporate pit water.

### 10-19-2008

Recap: Flow well to pit, flare gas & evaporate pit water. --- SM w/ rig crew, start & check equipment. --- PU DP singles & RIW, Tag Bridge @ 3495' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Clear bridge, unloaded med fine to 1/4" coal, & med black water, Tagged Bridge @ 3585', clean out to TD @ 3691'. Returns are med fine to 1/4" coal, work pipe & pump sweeps as needed to cleanout. --- Blow well dry w/ air --- LD 8 jts DP & pull into 7' csg. --- Secure well & equipment, turn well over to flowback hand and air hand. --- Flow well to pit, flare gas & evaporate pit water.

### 10-20-2008

Recap: Flow well to pit, flare gas & evaporate pit water, travel to location. --- SM w/ rig crew check & start equipment. --- PU & RU 3.5 PS PU DP singles & RIW, tag tight spot @ 3495' break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Unloaded very light fine coal & shale, cleanout to TD @ 3691', --- TOOH & stand back DP & DC's, RU to run 5-1/2" liner. --- SM w/ all personnel on location, RU San Juan csg --- RIW w/ set shoe, 8 jts 5-1/2" 15 5# K-55 csg (374.54'), H-latch, setting tool & 1 jt DP, RD San Juan csg. --- **RIW w/ liner assembly & 98 jts 2-7/8" DP tagged tight spot @ 3525', --- PU & RU 3.5 PS, break circ w/ 12bph air/mist, rotate & circulate liner down to 3627', power swivel broke down @ this depth. Cut air/mist and worked down to 3679'. Unable to get any deeper. Release liner @ 3679' 12' off TD of 3691'. 7" shoe @ 3452', Liner top @ 3301', Liner bottom @ 3679', 151' overlap. New PBDT 3679'.** --- LD 2 jts DP, Secure well & location SDFN, no accidents reported.

### 10-21-2008

Recap: Travel to location --- SM w/ rig crew, SICP 800 psi, bleed well down @ 2" line. --- TOH & LD DP & TIW setting tool, --- RD & LD 3.5 PS --- TIH w/ 4-3/4" DC's, TOH & LD DC's. --- Change drilling line on rig, secure well & equipment, SDFN, no accidents reported

### 10-22-2008

Recap: Travel to location. --- SM w/ rig crew & BWWC crew, SICP 800 psi, bleed well down @ 2" line. --- RU BWWC, --- **perforate 5-1/2" liner w/ 11 gram charge .53 holes, 4 spf, as follows bottom to top- 3556' to 3591' 35' 140 shots, 3516' to 3536' 20' 80 shots, 3460' to 3490' 30' 120 shots. Total 85' 340 shots.** --- **RD BWWC wireline equipment** --- Move catwalk & pipe basket, spot in tbg float. --- Tally, PU, MU & RIW w/ half muleshoe exp check, 2.28" I.D. F-nipple w/ standing valve, & 114jts 2-7/8" 6.5# J-55 EUE 8rnd tbg. ( rabbit tbg while picking up ). --- Test tbg w/ rig pump to 1000 psig, good test. --- fish standing valve w/ sandline. --- tie air package to tbg string, break circ blow liner clean w/ air/mist. Returned I fine coal, some perforation debris, and unloaded heavy water. --- Pull 6 stands of tbg, pull above perfs. --- Secure well & equipment, SDFN, no accidents reported

### 10-23-2008

Recap: Travel to location --- SM w/ rig crew SICP 850 psi, bleed well down @ 2" line, thaw out airlines on rig. --- TOH & standback tbg --- RU Specialty Banding, --- TIH w/ mud anchor, 2.28 I.D. F-nipple, 110 jts 2-7/8" 6.5# J-55, EUE 8rnd tbg, one 8' pup jt, & 1 jt 2-7/8" 6.5# J-55 EUE 8rnd tbg Attache chem line @ F-nipple run to surface --- PU tbg hanger and land well as follows- mud anchor, 2.28 I.D. F-nipple, 110 jts 2-7/8" 6.5# J-55, EUE 8rnd tbg, one 8' pup jt, & 1 jt 2-7/8" 6.5# J-55 EUE 8rnd tbg. EOT @ 3617' 2.28 I.D. F-Nipple @ 3590'. --- RD Specialty banding. --- FLOW TEST: Duration = 1/2 hr, Test Method = pitot, MCF/D = 1304mcf/d, Csg Psi = 4 1/2lbs, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, --- ND BOP & Blooie lines, NU SR WH. --- Secure well & location SDFN, no accidents reported

### 10-24-2008

Recap: Travel to location. --- SM w/ rig crew, start & check equipment. Bleed well down @ 2" line. --- PU MU & RIW as follows, Gas anchor, 2-1/2" X 1-1/2" X 8 X 12 RHAC pump, 3 - 1-1/2" HF sinker rods, 82 - 3/4" API D rods rods, - 58, 3/4" API D guided rods, 2' pony rod & 1-1/4" X 22' polished rod w/ 10' X 1-1/2" liner. --- install stuffing box, seat pump & Space out pump, load tbg w/ produced water, test tbg & pump to 500 psig, release pressure and stroke pump to 500psig. Test OK --- RD surface equipment, lower derrick, prepare for rig move to Rosa 311A, Secure well & equipment, No accidents reported. FINAL REPORT FOR ROSA 377A, JOB COMPLETE