

In Lieu of  
Form 3160  
(June 1990)

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 31 2008

FORM APPROVED  
Budget Bureau No 1004-0135  
Expires: March 31, 1993

Bureau of Land Management  
Farmington Field Office

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

5. Lease Designation and Serial No  
**NMSF-078769**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**Rosa Unit**

8. Well Name and No  
**Rosa Unit #374**

9. API Well No  
**30-039-30112**

10. Field and Pool, or Exploratory Area  
**Basin Fruitland Coal**

11. County or Parish, State  
**Rio Arriba, New Mexico**

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well Gas Well ☒ 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)  
**1145' FNL & 2305' FEL SEC 16, 31N, 5W**

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☒ Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

☒ Completion

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 )\*

10-07-2008

Recap: Travel to Rosa 360A. --- Road rig from Rosa 360A, Load out equipment & move to Rosa 374.set rig ramp, spot rig on ramp, spot catwalk & pipe rack, spot rig pit & pump, raise derrick, RU surface equipment. Spot air package. --- ND WH, NU BOP, RU rig floor, PU and RU tongs. --- **Test blind rams & 7" csg to 1500 psi w/ rig pump and hold for 30 minutes, no leak off** --- Secure well & equipment, SDFN no accidents reported.

10-08-2008

Recap: Tally, PU, MU & RIW- 6-1/4" bit, bit sub, eight 4-3/4" DC's, Xover sub, & 96 jts 2-7/8" AOH DP, Tag cmt @ 3246'. --- Test BOPE & 7" csg to 1500 psi w/ rig pump and hold for 30 minutes, no leak off --- PU & RU 3.5 PS --- Secure well & equipment, SDFN no accidents reported.

RCVD NOV 4 '08

OIL CONS. DIV.

10-09-2008

Recap: PU 1jt DP Break circ w/ produced coal water, Tag cmt @ 3247', DO cmt, DO FC @ 3276', DO cmt to shoe @ 3323', DO 7" csg shoe. Wait on mud loggers --- RU mud loggers. Begin drilling formation @ 3323', **DO new formation from 3323' to TD @ 3574'** --- Circ bottoms up --- LD 8 jts DP & pull into 7" csg --- Secure well & equipment, SDFN no accidents reported

DIST. 3

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

Signed

*Larry Higgins*  
Larry Higgins

Title Drilling COM.

Date October 30, 2008

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any

ACCEPTED FOR RECORD

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

FARMINGTON FIELD OFFICE

10-10-2008

Recap: SICP 160 psi, bleed well down @ 2" line --- PU DP singles & RIW to TD, drop Totco survey tool. --- LD DP singles to shoe, TOH to surface, recover Totco tool, Deviation 3-1/2 degrees. --- RU Weatherford WL, --- Run Neutron Dual Density log, RD Weatherford WL --- PU MU & RIW as follows, Knight Under reamer, bit sub, eight 4-3/4" DC's, X-over sub & 98 jts 2-7/8" AOH DP, set UR @ 3290' inside 7" csg --- Secure well & location, SDFN, no accidents reported.

10-11-2008

Recap: RU 3.5 PS, break circ w/ 10 bph A/S mist open under reamer arm @ 3331'. --- Under-ream 6-1/4" to 9-1/2", from 3331' to TD @ 3574'. Pump 5 bbl sweeps, blow well clean, LD 9 Jts DP, RD & LD 3.5 PS. --- TOO, stand back DP & DC's & LD UR. --- MU & RIW w/ 6-1/4" bit, 8 DC's & 97 Jts DP, set bit @ 3290'. Tie back drill line, PU & RU 3.5 PS, rig up for surging, turn well over to flow back and air hand for overnight cavitation. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 0 Mcfd, Casing PSI = TLTM, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas disposition = non-flaring, Choke Size = 2" open line. --- Cavitate well w/ energized surge.

10-12-2008

Recap: Cavitate well w/ natural and energized surges. Bit set @ shoe.

10-13-2008

Recap: Cavitate from shoe w/ energized surges to 1000 PSI, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 0 PSI, Surge well to pit @ blooie line well is bridged off. --- Tagged bridge @ 3323' bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water. Cleared bridge unloaded hvy fine to 2" coal. Tagged fill @ 3355', 219' above TD, returns hvy fines to 1" coal, light shale, hvy black water. Work pipe & pump sweeps as needed, cleanout to TD @ 3574'. --- LD 2 Jts DP, blow well dry w/ Air Only. --- LD 4 Jts DP flow well 1hr get air out of well. --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCFD = 582 Mcfd, Csg PSI = 14 oz, Tbg PSI = 0 PSI due to string float, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand for overnight cavitation. No accidents reported.

10-14-2008

Recap: Cavitate from shoe w/ energized surges to 1000 psi, & natural surges. --- SICP 1000 psi, surge well to pit @ blooie line --- Tagged bridge @ 3223' bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared bridge unloaded heavy fine to 1" coal. Tagged fill @ 3494' 80' of loose fill. Cleanout to TD @ 3574' returns were hvy fine to 1" coal & heavy dark grey water. Work pipe & pump sweeps as needed. --- Blow well dry w/ air. --- LD 8 Jts DP set bit @ shoe. --- Secure well. Turn well over to flowback hand & air hand for overnight cavitation, no accidents reported.

10-15-2008

Recap: Cavitate from shoe w/ energized surges to 1000 PSI, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 650 PSI, surge well to pit @ blooie line. --- Tagged bridge @ 3323' bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water. Cleared bridge unloaded very heavy fine to 1/4" coal. Tagged fill @ 3534' 40' of loose fill. Returns were med fine to 1/4" coal, light shale, hvy black water. Work pipe & pump sweeps as needed, clean out to TD @ 3574'. --- LD 2 Jts DP Blow well dry w/ air. --- LD 4 Jts DP, set bit @ shoe --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 600 Mcfd, Csg PSI = 15oz, Tbg PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well, turn well over to flowback hand & air hand for overnight cavitation, no accidents reported.

10-16-2008

Recap: Cavitate from shoe w/ natural surges. --- SICP 1000 PSI, surge well to pit @ blooie line --- Tagged fill @ 3544', 30' above TD @ 3574'. Break circulation w/ 10 bph air/mist w/ 1gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Cleaned out unloaded hvy fine to 1/4" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 8 Jts DP, leave bit @ shoe. --- Secure well, turn well over to flow back hand & air hand for overnight cavitation, no accidents reported.

10-17-2008

Recap: Cavitate from shoe w/ energized surges to 1000 psi, & natural surges. --- SICP 50 PSI, surge well to pit @ blooie line well was bridged off. --- Tagged bridge @ 3323', bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared bridge unloaded hvy fine to 1-1/2" coal. Tagged fill @ 3514', 60' above TD, returns hvy fine to 1-1/2" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 2 Jts DP, Blow well dry w/ Air Only. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 673 Mcfd, Casing PSI = 19oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line --- Secure well. Turn well over to flowback hand & air hand for cavitation, no accidents reported.

10-18-2008

Recap: Cavitate from shoe w/ energized surges to 1000 PSI, & natural surges. --- SM w/ rig crew, service & start rig and equipment. SICP 950 PSI, Surge well to pit @ blooie line. --- Tagged bridge @ 3445'. Break circulation w/ 10 bbls air/mist w/ 1gal foamer, 1/2 gal shale treat, 1/2 gal corrosion inhibitor per 20 bbls produced coal water. Cleared bridge unloaded hvy fine to 1" coal, light fine shale, hvy black water. Tagged fill @ 3534', 40' above TD, returns hvy fine to 1" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 8 Jts DP set bit @ shoe --- Secure well, turn well over to flowback hand & air hand for cavitation, no accidents reported

10-19-2008

Recap: Cavitate well w/ energized and natural surges, flow back and air hand on location.

10-20-2008

Recap: Cavitate from shoe w/ energized surges to 1000 psi, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 940 PSI, surge well to pit @ blooie line. --- Tagged bridge @ 3380'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared bndge unloaded hvy fine to 1-1/2" coal. Tagged fill @ 3534', 40' above TD, returns hvy fine to 1-1/2" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 2 Jts DP, blow well dry w/ air only. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 726 Mcfd, Casing PSI = 22oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand for cavitation, no accidents reported.

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#### 10-21-2008

Recap: Cavitare from shoe w/ natural surges. Surge well to pit @ blooie line. --- Tagged bridge @ 3470'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared bridge unloaded hvy fine to 1" coal. Tagged fill @ 3534', 40' above TD, returns hvy fine to 1" coal, light shale, hvy black water. Work pipe & pump sweeps as needed, cleaned out to TD @ 3574'. --- LD 2 Jts DP, Blow well dry w/ air only. Knight Oil Tools repairing hydro. fluid leak on swivel. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 745 Mcfd, Casing PSI = 23oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand for cavitation, no accidents reported.

#### 10-22-2008

Recap: Cavitare from shoe w/ natural surges. SICIP 1000 PSI, surge well to pit @ blooie line. --- Tagged bridge @ 3470'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared bridge unloaded hvy fine to 1/4" coal. Tagged fill @ 3534', 40' above TD, returns hvy fine to 1/4" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 2 Jts DP, Blow well dry w/ Air Only. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 782 Mcfd, Casing PSI = 26oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand to flow well overnight, no accidents reported.

#### 10-23-2008

Recap: Flow back and air hand flow well overnight. --- Tagged tight spot @ 3380'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared tight spot unloaded med fine to 1/4" coal. Tagged fill @ 3544', 30' above TD, returns med fine to 1/4" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 2 Jts DP, Blow well dry w/ Air Only. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 823 Mcfd, Casing PSI = 30oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand to flow well overnight, no accidents reported.

#### 10-24-2008

Recap: Flow back and air hand flow well overnight. Travel to location. --- SM w/ rig crew, service & start equipment. --- Tagged tight spot @ 3380'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl produced coal water. Cleared tight spot unloaded med fine to 1/4" coal. Tagged fill @ 3544', 30' above TD, returns med fine to 1/4" coal, light shale, hvy black water. Work pipe & pump sweeps as needed. Cleaned out to TD @ 3574'. --- LD 2 Jts DP, Blow well dry w/ Air Only. --- LD 4 Jts DP, flow well 1hr get air out of well. Set bit @ shoe. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 970 mcf/d, Casing PSI = 40oz, Tubing PSI = 0 due to string float, Gas Type = dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand to flow well overnight. No Accidents Reported.

#### 10-25-2008

Recap: Flow well to Burn Pit Down Blooie line w/ Flowback and Air Hand. --- SM w/ rig crew & air hand, service & start rig and equipment. --- PU DP check for fill. Tagged fill @ 3570'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20 bbls water. Returns, med coal fines, work pipe & pump sweeps, Clean out to TD @ 3574'. --- LD 12 Jts of DP, hang off 3.5 PS. TOOH & stand back DP and DC's. --- SM w/ all personnel. **RU San Juan Casing PU, MU and TIH as follows: LA set shoe, 8 jts 5-1/2" 15.5, K-55 csg (377.84'), H-latch. --- TIH w/ liner assembly & 90 Jts AOH DP. PU DP singles run in slow, tagged @ 3570'. Release liner @ 3570' PBTD @ 3574'. --- 7" shoe @ 3323', Liner top @ 3189', Liner bottom @ 3570', 134' overlap. --- RD & LD 3.5 PS. TOOH & LD 8 Jts DP. --- Secure well & equipment. SIFN. No Accidents Reported.**

#### 10-26-2008

Recap: Crew travel from yard to Rosa Unit 374. SICIP 640 PSI. Bleed off down 2" line to pit. --- SM w/ Rig Crew and Air Hand. Start & Check rig & equipment. --- TOOH & LD DP. --- JHA w/ crew, and Basin wireline. RU wireline --- TIH w/ wireline guns and Perforate 5-1/2" liner w/ 11 gram charge, 0.53 inch size shot, 4 shots per foot, as follows bottom to top, 3440' to 3475', 35', 140 shots, 3410' - 3430', 20', 80 shots, 3345' - 3355', 10', 40 shots, total feet 65' and 260 shots. --- RD wireline. --- LD Drill Collers, and DP equipment. --- PU 2-7/8 elevators and equipment. --- Secure well & Equipment. SDFN. No Accidents Reported.

#### 10-27-2008

Recap: Crew travel to location. SICIP 650 PSI. Bleed off down 2" line to pit --- JHA w/ crew, and air hand. --- Tally & TIH w/ 2-7/8" J-55, 6.4#, I-J EUE 10RD Production Tbg. --- Circ Tbg CO to TD 3570'. --- TIH w/ Mud Anchor, F-Nipple, 2-7/8" 6.4# J-55, I-J EUE 10 RD Production Tbg as follows: 1 - 2-7/8", 6.5#, J-55, EUE 8RD, Mud Anchor, 1 - 2-7/8" x 2.28" x 2-7/8" F-Nipple, 109 - 2-7/8", 6.4#, J-55, I-J, EUE 10 RD Production Tbg. 1 - 2-7/8" x 4', 6.5#, J-55 EUE 8RD Pup Jt, 1 - 2-7/8" 6.5#, J-55, EUE 8RD JT, EOT @ 3532', 2.28" ID F-nipple @ 3506'. Stap 3500' of 1/4" stainless steel chem cap string. --- Test Tbg to 1000 PSI. Test good. TIH w/ sand line fish standing valve. --- RD floor and NU BOP's. MU SR head. Test Head. Test good. --- Secure well. SDFN. No Accidents Reported.

#### 10-28-2008

Recap: Travel to location from Farmington Yard --- SM w/ rig crew. Service and start rig and equipment. --- TIH w/ Pump, Sinker bars and Rods as follows: 1 - 1-3/4" Insert Pump w/ 1"x6" gas anchor, 6 - 3/4" x 1/2" sinker bars, 132 - 3/4" Type 54, API Grade "D" Rods, 1 - 8' x 3/4" Type 54, Grade "D" Pony's, 1 - 1-1/4" x 26' Polished Rod w 1-1/2" x 16' liner. --- Test Tbing to 700 PSI, test good. Test pump to 700 PSI, test good. --- RD Rig and Derrick Prepare rig to move. --- Secure well. SDFN. No Accidents Reported.