

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

**SF 078039**

6. If Indian, Allottee or Tribe Name

2/17

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Barnes B 21**

9. API Well No.

**30-045-27743**

10. Field and Pool, or Exploratory Area

**Basin Fruitland Coal**

11. County or Parish, State

**San Juan New Mexico**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ OIL  
WELL

☒ GAS  
WELL

☐ OTHER

2. Name of Operator

**Amoco Production Company**

**Melissa Velasco-Price**

3. Address and Telephone No.

**P.O. Box 3092 Houston, TX 772533**

**(281) 366-2548**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1250' FSL & 800' FWL Sec. 13 T32N R11W Unit M**

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

**Run & Perf Liner**

(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.)\*

09/25/00 MIRUSU. ND Tree, RU BOP w/cavitation capability. No plug in TBG. TOH & LD 2 3/8" TBG @ 2958' w/4 3/4" bit, sub & float on bottom. TBG also perf'd @ 2845' - 2855' & 2898' - 2912'. Total JTS 92. RU to pick up 3 1/2" DC's & 2 7/8" DP w/4 3/4" bit. Pu 4 3/4" bit, sub & float, 10 -3 1/2" DC's, 2 7/8" DP. Break CIRC @ St window @ 2600'. GIH & COTB. Bridge @ 2688'. C/O w/air mist to 2703'. C/O F/2703' w/little or no returns. LD JTS back to 2600' & start to C/O again. C/O to bottom. COTB. Add transfoam = 20 Gallons & 8 SXS lime to water to break up parafin. CIRC on bottom w/air mist. LD 11 JTS. Pull up into window to flow well natural. GIH Check F/fill. Tag brides @ 2883' & 2893' - 2924'. CIRC on bottom w/air mist.

PUIC to window & flow well natural. C/O wellbore to bottom & tag @ 2888'. CIRC on bottom w/air mist. Pull 11 JTS to STW to flow well natural. Flow well natural form ST window. TIH tag @ 2895' LD 11 JTS. Pull up in ST window & start C/O again. C/O w/air mist 2608' - 2830'. C/O wellbore w/air mist @ 1200 CFM. 12 BPH mist & 4/20 soap. Pressure = 600#. C/O @ 2893'. COTB w/air mist to 2893'. C/O w/air mist F 2893' - 2924'. COTB (working POSI to high = 100#) LD 2 JTS back to 2861'. COTB w/air mist F 2861' - 2950'. CIRC on bottom w/air mist @ 2950'. Lay down 2 JTS to 2893' & C/O. C/O wellbore to bottom w/air mist. COTB w/air mist @ 2950'. CIRC on bottom @ 2950' w/air mist. TOH to window @ 2600', LD 11 JTS. Flow well natural. TIH & tag @ 2900'. C/O wellbore F/2900' - T/2950'. CIRC on bottom @ 2950 w/air mist. TOH & LD 11 JTS to ST window @ 2600'. Flow well natural from ST window @ 2600'. TIH & tagged @ 2883'. C/O to bottom F/2883'.  
CONTINUED ON ATTACHMENT.....

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

Signed

*Melissa Velasco-Price*

Permitting Assistant

Date

**10/10/00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

\*See Instructions On Reverse Side

AMOCO

## SUBSEQUENT REPORT CONTINUED

BARNES B 21

10/10/00

COTB w/air mist = TD @ 2950'. Lay down 12 JTS to ST window to pull bit. PU power seivel & GIH, check for fill & tag @ 2883'. COTB w/air mist = TD @ 2950'. CIRC on bottom @ 2950' w/air mist. LD 11 JTS to STW & flow well natural. GIH & Clean out to bottom. Tag 2 2888'. COTB F/2888' - 2950' w/air mist. 1000 CFM, 8 -10 BPH mist, 3/20 soap. CIRC on bottom @ 2950'. LD 11 JTS & TOH to ST window @ 2600'. Flow well natural from ST window. GIH to C/O wellbore, tag @ 2893'. COTB F/2893' - 2950'. Good paraffin returns w/600#. 1000 CFM, 8 - 10 BPH mist, 3/20 soap. CIRC on bottom w/air mist @ 2950'. LD 11 JTS. PUIC above St window @ 2600'. COTB & wash JTS to bottom w/air mist @ 1000 CFM, 8 - 10 BPH mist, 3/20 soap. CIRC on bottom w/air mist. PUIC STW & flow well natural. GIH & tag @ 2900'. COTB w/air mist. Replace half link in high jack chain. TOH, LD 10-3 ½" DC's = 303.62'. WO bit sub & X-O. TIH w/4 ¾" bit, BS float & 2 7/8" DP = 316.02'. Install new 2 7/8" stripper rubber. C/O to bottom w/air mist = 1000 to 1400 CFM, fluid vol = 5-7-11 GPM, foamer = 3-4-5 Gal/20 BBLs, pressure = 400# to 1000#. C/O F/2622' -T/2844', pressured up to 900#, LD 1 JT, start again @ 2844'. C/O wellbore to 2907' LD 1 JT to 2876'. C/O w/1400-1600 CFM, 7 -12 GPM, 2-5/20 soap, 360# - 1200# air pressure. LD 11 JTS to ST window @ 2600'. & start wahing to bottom again. C/O wellbore F/ST window - T/2950' w/air ist, tag @ 2885', fill = 65'. C/O w/1600 CFM, 10 - 14 GPM mist, 2-4.5/20 soap, 500# - 800# air pressure @ 1400 hrs. Start 4 Gallons/20 BBLs, chemical = Dionic 900 shale polymer, (lost CIRC @ 2907') ICRC on bottom @ 2950' w/air mist. 1600 CFM, 14 GPM mist, 4/20 soap, 600# - 660# air pressure, 4Gallons/20 BBLs poly Treatment. CIRC on bottom @ 2950', good returns. PUI St window. Flow natural = 8' - 10' blue flare Flame both blooie lines. Trip in check F/fill. Tag @ 2900' (50' fill). COTB w/air mist F/2900' to TD 2950'. CIRC on bottom w/air mist. Returns = heavy coal & paraffin. 1600 CFM 11-14 GPM, 2 -4/20 Foamer, pressure = 500 - 600#, chemical = 4/20 poly treatment. CIRC on bottom @ 2950'. TOH w 2 7/8" DP. Change #2 Rams to 4" Rams. Run a blank 4" FJ liner F/2949' back to 2535' w/64' overlap install a tri-cone bit, sub & float on bottom, 10 JTS = 406.52', & A TIW JGS 4" X 5 ½" liner hanger on top. LD 2 7/8" DP. PU & run in hole 2 1/16" & 2 3/8" TBG to push rubbers to bottom POOH w/TBG. RU & run GR-CCL log. Stopped @ 2532'. RD perforators. RU & run GR-CCL w/sinker bar weights, log went to TD 2947', log to T/liner @ 2535'. TIH w/2 1/8". Perforate as follows: 2928' - 2947', 2836' - 2863', 2768' - 2780', 2743' - 2747', Total = 260 shots. PU JT 2 7/8" TBG & land TBG hanger, land BTM of TBG @ 2916'. NU upper tree (master valve) & pressure test to 2400# for 15 min.

RDMOSU Rig Released @ 23:59 hrs. 10/09/2000.