

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. BARNES LS 4A
2. Name of Operator AMOCO PRODUCTION COMPANY		9. API Well No. 30-045-22400
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	10. Field and Pool, or Exploratory BLANCO MESAVERDE & P C
4. Location of Well (<i>Footage, Sec., T., R., M., or Survey Description</i>) Sec 26 T32N R11W NENW 1018FNL 1720FWL		11. County or Parish, and State SAN JUAN COUNTY, NM


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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Acidize <input type="checkbox"/> Alter Casing <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change Plans <input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Deepen <input type="checkbox"/> Fracture Treat <input type="checkbox"/> New Construction <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Plug Back	<input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Reclamation <input type="checkbox"/> Recomplete <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal	<input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Well Integrity <input checked="" type="checkbox"/> Other Subsurface Committing	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/15/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP’s. SDFN. Unseat TBG hanger. TOH W/1 " TBG. TOH W/ 2 3/8" TBG. TIH & tag fill @ 5926'. C/O to PBTD @ 5933'. PU above perfs & SDFN. TIH & tag 15' of fill. C/O to PBTD, PU & flow back well on " choke. TIH & tag 10' of fill. C/O to PBTD. PU & SDFN. TIH & tag 13' of fill. C/O to PBTD. PU above perfs & flow back to tank on " choke W/Watchman overnight. Flow back well on " choke W/Watchman. @ 07:00 TIH & tag bridge @ 5818'. C/O 20' of fill on bottom. PU & flow well on " choke. TIH & tag 5' of fill. PU above perfs & SDFN. TIH & tag 11' of fill. C/O to PBTD. TIH W/BHA. RU & TIH W/2 3/8" production TBG & land @ 5861'. ND BOP’s & NUWH. SDFN
08/30/2001 Pull TBG plug. RDMOSU. Rig Release @ 11:00 hrs.

Production downhole commingled .

14. I hereby certify that the foregoing is true and correct.			
<p align="center">Electronic Submission #7679 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 10/09/2001 ()</p>			
Name (Printed/Typed)	MARY CORLEY	Title	AUTHORIZED REPRESENTATIVE
Signature	(Electronic Submission)	Date	10/05/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

<u>Approved By</u> _____ Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title _____ Office _____	Date _____
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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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NMOCD

BARRETT LS 4
RE-PERF & FRAC SUBSEQUENT REPORT
11/04/2001

10/12/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP's. SDFWE.

10/15/2001 Unseat TBG hanger. TOH W/Prod TBG. Shut in & secure well for night.

10/16/2001 TIH & tag fill @ 5456'. TOH. RU & run GR Log from 4150' to 5150'. Secure well for night.

10/17/2001 RU & TIH W/CIBP & set @ 5034'. TOH. TIH & set RBP @ 4850'. Load hole w/2% KcL water. Pressure test CSG to 2100#. Test OK. Unseat RBP & TOH. RU & perf Cliffhouse formation W/2JSPF, 3.125 in diameter, 14 shots/28 holes:

4874', 4877', 4885', 4889', 4899', 4901', 4923', 4947', 4950',
4960', 4988', 4990', 4997', 5006'

10/18/2001 RU & frac Cliffhouse W/79,000# of 16/30 sand & 70 Quality N2 Foam. RU & Flowback well to tank thru $\frac{1}{4}$ " choke for 1 $\frac{1}{2}$ hrs. Upsized to $\frac{1}{2}$ " choke & flowed back for 1 $\frac{1}{2}$ hrs. Alternate shut in and flowback for 2 hr intervals. Well would not sustain flow.

10/19/2001 TIH & tag sand @ 3825'. C/O from 3825' to 3950'. Well making heavy returns of frac sand. Secure well for WE.

10/22/2001 TIH & tag sand @ 3930'. C/O to 4680'. Secure well for night.

10/23/2001 TIH & tag fill @ 4958' C/O to 5039'. Secure well for night.

10/24/2001 TIH & tag fill @ 4993'. C/O to CIBP set @ 5040. DO CIBP. TIH & C/O to 5290'. PU above perfs & SDFN.

10/25/2001 TIH & tag fill @ 5456'. Mill on junk & C/O fill to 5479'. Secure well SDFN.

10/26/2001 TIH & tag fill @ 5470' C/O to 5492'. Secure well SDFN.

10/29/2001 TOH. Flow back thru $\frac{3}{4}$ " choke - 558 MCFD. Secure well SDFN

10/30/2001 TIH W/2 3/8" production TBG & land @ 5415'. ND BOP & NUWH. Pull TBG plug.

10/31/2001 RDMOSU. Service Release @ 10:00 hrs.