FORM APPROVED UNITED STATES Form 3160-5 Budget Bureau No. 1004-0135 DEPARTMENT OF THE INTERIOR (June 1990) Expires: March 31, 1993 5. Lease Designation and Serial No. BUREAU OF LAND MANAGEMENT Jicarilla 96 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name 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 Jicarilla 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Type of Well 8. Well Name and No. χ Gas Jicarilla 96 #8 2. Name of Operator Taurus Exploration, U.S.A., Inc. 9. API Well No. 3. Address and Telephone No 30-039-06535 (COM)2198 Bloomfield Highway; Farmington, NM 87401 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Gavilan PC/Blanco MV DIST. 3 990' FSL, 990' FWL, Sec. 12, T26N, R3W, NMPM 11. County or Parish, State Rio Arriba CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION X Notice of Intent Change of Plans Abandonment Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Downhole Commingle Disnose 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.)\* It is intended to downhole commingle this well as follows: Pull and lay down PC 1 1/4" tubing string. Pull and lay down MV 1 1/4" and 3/4" tubing string. 3. Pull and lay down PC 2 3/8" tubing string. Release seal assembly and TOH with tubing. TIH with packer milling assembly. Mill out packer at 5437'. TOH. TIH and clean out to 5980'. Land tubing at 5900'. Install single wellhead. An application to downhole commingle has been filed with NMOCD.

NM

14. I hereby certify that the fo Title Production Superintendent Signed

(This space for F Lands and Mineral Resources AUG 1 0 1998 Approved by, 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



JICARILLA 70 Resised MV & PC Th M:12.26N-3W 10-21-69/18 fic. N. 8 Wall wholes (12' above severy suy Se 11/4" I.J. V-55 Tbg @ 3706 9/10/50 freed u/ 105000 get ent + 52,000 ° 344 · w/2-11- Loly /1 إسم لكرى Topol line. 3812 · ocumented any 1501 ks \$ 992 761° 5.55 ay 0 4010' w/ 12chs 186" they w/4 ments flow when (18/th Hyd. 4) suttende 5964 seeting mysel @ 5035" -14" I.J. V-55 Tby @ 5342' w/ 532' of 3/4" H-40 Asq. Tbd. @ 5424" 3/14/69 freedu/ 131,000 goland , 98,000 20-40 sent weed 125 fell 60 EPP4 w/2 bb (%)/4 Es It so facility PBIP 6015" [ ] [ ] > 5 - 150 J-55 Day & LOW w/ 2251ks .

Jicarilla 96 #8 Unit M, Section 12, T 26 N, R 3 W Rio Arriba Co., N.M.

Subject: Economic Justification To Downhole Commingle

Current Oil Price -- \$12.00 Current Gas Price -- \$1.20 Net less gathering & processing

The Blanco Mesa Verde and Gavilan Pictured Cliffs are producing with a string of 1 1/4" tubing inside the 2" production string. The Pictured Cliffs is extremely wet and requires constant attention to keep the well unloaded and flowing. Downhole commingling along with a plunger installation will utilize the Mesa Verde flowstream to assist in keeping the PC unloaded and producing.

Current Mesa Verde Rate: 118 MCFD

Projected Mesa Verde Rate: 140 MCFD & 1 BO

Current PC Rate: 65 MCFD Projected PC Rate: 80 MCFD

Incremental Uplift: 37 MCFD & 1 BO

## Increased Revenue Stream

Gas Revenue 37 \* 1.20 \* 30 = \$1332 Oil Revenue 1 \* 12.00 \* 30 = <u>\$360</u> Increased Monthly Revenue \$1692

Increased Royalty \$212 per month

Downhole commingling will eliminate the waste of venting gas to the atmosphere to keep the well unloaded, stabilize the flowstream and extend the life of the well through increased efficiencies.

## CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Taurus Expl USA	A Inc.	Well Name	Jic. 96	#8
--------------------------	--------	-----------	---------	----

- 1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
- 2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
- 3. The following modifications to your downhole commingling program are to be made:

None