FORM APPROVED **UNITED STATES** Form 3160-5 Budget Bureau No. 1004-0135 DEPARTMENT OF THE INTERIOR (June 1990) Expires: March 31, 1993 **BUREAU OF LAND MANAGEMENT** 5. Lease Designation and Serial No. SF-078278 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 proposa 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE <u>San Juan 29-6 Unit</u> Type of Well - 3 1999 JOil 8. Well Name and No. X Gas 2. Name of Operator CON. DIV. SJ 29-6 Unit #26 Phillips Petroleum Company 9. API Well No. 3. Address and Telephone No. 30-039-07611 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1700' FSL & 1550' FWL Blanco Mesaverde Section 13, T29N, R6W 11. County or Parish, State Rio Arriba, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other Add pay and stimulate 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.)\* See attached for the procedure used to add pay and stimulate the Lewis Shale interval within the existing Mesaverde formation. 14. I hereby co

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date

Conditions of approval, if any:

ACCEPTED ACCEPTED

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

Regulatory Assistant

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 statemen or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

(8)

FARMINGTON FIELD OFFICE BY\_\_\_\_\_\_Sm^

## San Juan 29-6 Unit #26 SF-078278; 1700' FSL & 1550' FWL Section 13, T29N, R6W; Rio Arriba County, New Mexico

## Procedure used to perf & stimulate the Lewis Shale interval in the existing Mesaverde formation.

4/6/99

MIRU Key Energy Rig #40. Killed well. RD WH & NU BOPs. PT – OK. Unset donut & POOH w/196 jts tubing. COOH. RIH w/scraper & tagged down to 5900'. COOH. RIH w/5-1/2" N-1 CIBP & set @ 5400'. Load hole & PT casing & CIBP to 500 psi 30 min. Held OK.

GIH & ran GR/CCL/CBL from 5400' to surface. Good cement top 5020' then to 4270'. Perf'd Lewis Shale interval @ .38" 90 degree phased holes as follows (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4270').

5088' - 5093' (5'); 4845' - 4850'(5'); 4700' - 4705' (5'); 4525' - 4530' (5'); **Total 20 holes** 

RU BJ to acidize Lewis Shale. Pumped 1000 gal 15% HCL acid & ballsealers in 4 settings. COOH. Set Packer inside liner top @ 3826'. PT - OK. RU to frac. Pumped 147,825 gal of 30 Quality foam consisting of 108,024 gal of 30# X-link gel & 842,000 scf N2 gas. Pumped a 10,500 gal foam pad followed by 450,000# of 20/40 Brady sand. ATR- 40 bpm and ATP - 2587 psi. ISDP 500 psi. Flowed back immediately on 2 (1/4" & 1/2") chokes for approx. 25 hours.

TIH from 3850' & tagged fill @ 5230'. Cleaned out fill to 5400' (PBTD). Circ. Flowed back @ 13 more hours. Cleaned out to 5400'. POOH. RIH 2-3/8" 4.7# tubing. Landed tubing @ 5068' with "F" nipple @ 5035'. ND BOP & NU WH. PT - OK. Pumped off expendable check. RD & released rig 4/15/99. Turned well over to production department.