



**San Juan 29-5 Unit #31**  
**SF-078282; Unit H, 1500' FNL & 1090' FEL**  
**Section 29, T29N, R5W; Rio Arriba County, NM**

**Details of procedure used to add Lewis Shale pay to existing MV & stimulate.**

**2/7/98**

MIRU Big A #29. Kill well w/2% KCl. ND WH & installed BPV. NU BOPs. PT - OK. Pulled BPV. COOH w/tubing. (Had to fish part of tubing - 100% recovery). GIH w/4 -3/4" bit & 5 1/2" scraper to 6020'. COOH.

RU Blue Jet. RIH & set RBP @ 5301'. Dumped sand on top of plug. Load hole w/2% KCl & PT plug, casing and rams to 600 psi - 30 min. OK. Ran GR, CCL & CBL log from 5300 - surface. Blue Jet perf'd Lewis Shale w/ 1 spf (.38" holes) as follows:

|                     |                       |                     |
|---------------------|-----------------------|---------------------|
| 5186' - 5091' (5'); | 4990' - 4995' (5');   | 4860' - 4865' (5')  |
| 4780' - 4785' (5'); | 4710' - 4715' (5');   | 4619' - 4624' (5'); |
| 4513' - 4518' (5'); | <b>Total 35 Holes</b> |                     |

RIH & set Fullbore Packer @ 4313'. RU BJ to acidize perfs. Pumped 1000 gal of 15% HCL with ballsealers. Knocked balls off. Released packer & retrieved balls.

RU to frac. Reset packer @ 3997'. Pumped 57,788 gal of 60 Quality X-link N<sub>2</sub> foam consisting of 33,600 gal of 30# X-link gel & 874,000 scf of N<sub>2</sub>. Pumped 202,000 # of 20/40 Brady sand. Flushed w/70 bbls of 2% KCl H<sub>2</sub>O. ISDP - 600 psi. Avg rate 45 bpm and ASTP 2900 psi. Flowed back immediately on 1/4" choke for approx. 42 hrs.

RD frac head. Unseat packer. Drilled out CIBP & cleaned out fill with air. COOH. RIH with 2-3/8" tubing & set @ 5957' with "F" nipple set @ 5924'. PT. ND BOPs & NU WH. Pulled BPV. Pumped off check. RD & released rig. Turned well over to production department.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

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

Unit H, 1500' FNL & 1090' FEL  
Section 29, T29N, R5W

5. Lease Designation and Serial No.

SF-078282

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 Unit #31

9. API Well No.

30-039-07545

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

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 Add pay & stimulate  
☐ 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.)\*

See the attached for the procedure used to add the Lewis Shale pay to the existing Mesaverde formation and stimulate.

RECEIVED  
MAR - 4 1998  
OIL CON. DIV.  
DIST. 3

Oil Conservation Division  
District 3  
March 4, 1998

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

Signed

*Feloy Chughton*

Title

Regulatory Assistant

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

2/20/98  
ACCEPTED FOR RECORD

MAR 02 1998

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 Instruction on Reverse Side

NMORN