

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 P, 850' FSL & 1100' FEL
Section 5, T-29-N, R-5-W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

Lease Designation and Serial No.

SF-078642

Indian, Allottee or Tribe Name

Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 #17A

9. API Well No.

30-039-21336

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-Lewis Shale
☐ 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 attached for the procedure used to frac the ~~Lewis Shale~~ zone in the Mesaverde formation.

Phillips will produce the ~~Lewis Shale~~ zone alone for a period of time to record daily volumes and pressures and then produce both zones.

RECEIVED
MAY 24 1996

OIL CON. DIV.
DIST. 3

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

Signed E. J. Haseby

Title Envir./Regulatory Engineer

Date 5-17-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

MAY 22 1996

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 statement or representation as to any matter within its jurisdiction.

* See Instruction on Reverse Side

NMOCD

FARMINGTON DISTRICT OFFICE
BY 221

**Procedure Used to Perforate and Stimulate the Lewis Shale
to Add Pay to the Mesaverde Formation on the
San Juan 29-5 #17A**

5-7-96

MIRU Big A #18. RD WH & RU BOP. Test. COOH w/production tubing & BHA. RU Bluejet & RIH & set RBP @ 5500'. COOH. RIH & dumped 2 sx of sand on top of RBP. COOH. Load casing w/2% KCL water. Test to 500 psi - good test. RIH & logged GR/CCL from 3989' to 5489'. COOH. RIH & perf'd as follows:

4875'- 4880'	1 spf	=	5 holes	120° phasing
4810'- 4815'	1 spf	=	5 holes	120° phasing
4760'- 4770'	1 spf	=	10 holes	120° phasing
4690'- 4695'	1 spf	=	5 holes	120° phasing
4515'- 4520'	1 spf	=	5 holes	120° phasing
4488' - 4498'	1 spf	=	<u>10 holes</u>	120° phasing
				40 holes total

RD Bluejet. RIH w/4-½" packer at 4878'. Spot 6 bbls 15% HCL acid across perms. POOH & set packer @ 4404'. Frac'd well w/the following:

1625 bbls 2% KCL # 30# gel fluid
218,400 # 20/40 AZ sand @ 1# 1 to 6# ppg
459,000 scf N₂ w/50% foam quality.
Treating pressure max. 5400 psi, min. 3440; avg. 5000 psi.;
Avg. rate 23 bpm; ISIP 2100#

Flowed back immediately on ¼" choke @ 78 hours. RD Frac head. COOH workstring. RIH & circ. sand out. COOH w/tubing & RBP. GIH w/2-3/8" tubing & blast joints, subs, packer, sliding sleeve, FN & pump out plug. Hydro Tested. Pump out plug set at 5947'; FN w/1.81 profile set @ 5915'; 4 ½" Baker R-3 packer set @ 5505' w/14,000# compression. 2-3/8" sliding sleeve set @ 4445'. Land hanger = RD BOP & RU WH. Test OK. RU B&R & opened sleeve. RD B&R. Rig down & released rig @ 16:30 5-15-96.