

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 F, 1450' FNL & 1620' FWL  
Section 22, T29N, R6W

5. Lease Designation and Serial No.

SF-080377

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #72A

9. API Well No.

30-039-21344

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

RECEIVED  
OCT - 8 1998  
OIL CON. DIV.  
DIST. 3

RECEIVED  
OCT 10 1998  
DISTRICT OFFICE

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

Signed Patsy Chegton Title Regulatory Assistant

Date 9-28-98

(This space for Federal or State office use)

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

Conditions of approval, if any:

ACCEPTED FOR RECORD

OCT 05 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

FARMINGTON DISTRICT OFFICE

NMOC

**San Juan 29-6 Unit #72A**  
**SF-080377; Unit F, 1450' FNL & 1620' FWL**  
**Section 22, T29N, R6W; Rio Arriba County, NM**

**Procedure used isolate and squeeze leak in casing and then perf & stimulate the  
Lewis Shale interval in the existing Mesaverde formation.**

9/15/98

MIRU Big A #40. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. Clean out to PBTD. COOH. RIH w/4 1/2" CIBP & set @ 4950'. Load hole & pressure test CIBP & casing to 500 psi bled back to 0. Established injection rate @ 1 bpm @ 500 psi. COOH. GIH & ran GR/CCL/CBL log from 4954' to 3510' (liner top) good bond from 4950 to 3820'. Logged under 250 psi from 3510 to surface. TOC - 2200'. Notified BLM & OCD of squeeze. GIH w/4-1/2" packer & set @ 4940'. PT and moved up hole to isolate leak. Found leak from 3752' - 3814'. RIH w/4-1/2" cement retainer & set @ 3630'.

RU BJ to squeeze. Pumped 50 sx CI H cement w/3% CaCl<sub>2</sub> mixed @ 16 ppg yield 1.18 ft<sup>3</sup>/sx (76 cf). Displaced w/8 bbls water. Pressure increased to 2000 + psi. Bleed down & sting out of retainer. Reversed out 6 bbls (28 cf) w/30 bbls water. Job complete @ 1743 hrs 9/16/98. COOH. WOC.

RIH w/3-7/8" bit & scraper & tagged retainer @ 3630'. Drilled out cement retainer & 170' good hard cement from 3630' - 3800'. PT casing and squeeze to 500 psi - 30 min. Good test. GIH & tagged CIBP @ 4950'. Circulated hole. COOH. RU to perf. Perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4027').

4740' - 4743' (3');	4677' - 4680' (3');	4600' - 4603' (3');	4526' - 4529' (3');
4479' - 4482' (3');	4422' - 4425' (3');	4358' - 4361' (3');	4314' - 4317' (3');
4282' - 4285' (3');	4214' - 4217' (3');	4084' - 4087' (3');	4049' - 4052' (3'); <b>36 Holes Total</b>

GIH w/4 1/2" FBP & set @ 3877'. PT casing annulus & packer to 500 psi - OK. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3541'. PT casing annulus & packer to 500 psi -OK. RU to frac Lewis Shale. Pumped 61,703 gal 60 Quality N<sub>2</sub> 30# X-link Borate foam w/198,820 # 20/40 Brady sand. Tagged with Iridium 192 radioactive tracer @ .447 mc/1000 total 89 millicuries. Total N<sub>2</sub> - 880,000 scf, Total fluid to recover 743 bbls. ATP - 2400 psi; 45 bpm ATR. ISDP - 550 psi. Flowed back immediately on 1/4" chokes for approx. 41 hours.

Released packer and COOH. RIH & cleaned out to CIBP @ 4950'. Drilled out CIBP and circulated hole & chased CIBP to 5606'. COOH. RIH w/2-3/8" 4.7# tubing and landed tubing @ 5500' with "F" nipple set @ 5467'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 9/25/98. Turned well over to production department.