

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 A, 790' FN1 & 790' FEL
Section 7, T29N, R5W

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

5. Lease Designation and Serial No.

SF-078277

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 #7

9. API Well No.

30-039-07677

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
BLM
98 AUG 20 PM 12:59
070 FARMINGTON, NM

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

Signed Patsy Chepp Title Regulatory Assistant

Date 8/19/98

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

SEP 01 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

NMCCD

**San Juan 29-5 Unit #7
SF-078277; Unit A, 790' FNL & 990' FEL
Section 7, T29N, R5W; Rio Arriba County, NM**

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

8/5/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. RIH w/6-1/4" bit and tagged fill @ 5348'. Cleaned out and then cleaned out open hole from 5348' – 5595' (147'). Set 7" CIBP @ 5300'. Ran cased hole GR, CCL & CBL log from 5300' to surface. TOC 4300'. Perf'd 4 (.38") squeeze holes @ 3775' and 4 more squeeze holes @ 3745'. RIH w/7" cement retainer & set @ 3693'. RU BJ to squeeze. Mixed & pumped 100 sx Cl H cement w/2% CaCl₂ @ 115.2 ppg – 15.6 ppg @ 2 ½ bpm @ 1200 psi. Displaced cement with H₂O. Stung out & reversed out 1 bbl of cement to pit. PT casing to 500 psi, wouldn't hold. RIH w/7" FBP to locate hole in 7" casing. Isolated hole between 2373' – 2401'.

RU BJ & established injection rate. POOH w/FBP. Set retainer @ 2346'. RU BJ to cement w/50 sx Cl H w/2% CaCl₂ mixed @ 16.0 ppg. Spotted above retainer. Pumped up to 2000' & reversed out tubing. Brought back ¼ bbl cement. Squeezed 25 sx into formation. PT cement squeeze to 1000 psi – held OK.

RIH w/bit & drilled 60' of cement & retainer @ 2348'. PT casing to 550 psi – held OK. Drilled on bottom cement retainer @ 3693'. Drilled out hard cement from 3695' to 3755' (60'). PT casing to 500 psi, bled down to 200 psi. RIH w/bit & scraper to 5300'. RIH & set 7" FBP @ 3572'. RU BJ to recement under packer. Pumped 100 sx Cl H w/2% CaCl₂. SI w/550 psi on squeeze. PT squeeze to 1000 psi – held OK. COOH w/FBP. RIH & tagged cement @ 3658'. Drilled out cement from 3658' – 3788'. Circ. PT casing to 500 psi – OK.

RU Blue Jet & perf'd Lewis Shale interval @ 1 spf (.38" hole) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3850').

4768' – 4771' (3');	4756' – 4759' (3');	4702' – 4705' (3');	4664' – 4667' (3');
4656' – 4659' (3');	4637' – 4640' (3');	4594' – 4597' (3');	4561' – 4564' (3');
4523' – 4526' (3');	4517' – 4520' (3');	4506' – 4509' (3');	4430' – 4433' (3'); 36 Holes Total

RIH & set packer @ 4244'. PT – OK. RU to adicize; Pumped 1000 gal 15% HCL w/ballsealers. Knocked balls off & COOH w/packer. RIH & set packer @ 4012'. PT – OK. RU to frac. Pumped 70,500 gal of 60 Quality N₂ foam w/29,904 gal of 30# link gel & 900,000 scf N₂ gas. Pumped 202,904 # of 20/40 Brady sand. ATP – 2800 psi & ATR – 45 bpm. ISIP – 750 psi. Flowed back immediately on ¼" choke. Flowed back for 42 hours.

RIH & cleaned out fill from 5066' – 5300'. Drilled out CIBP @ 5300'. Circulated bottoms up. RIH w/2-3/8" 4.7# tubing and landed tubing @ 5326' with "F" nipple @ 5295'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 8/18/98. Turned well over to production department.