

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 A, 1190' FNL & 990' FEL
Section 1, T29N, R6W

5. Lease Designation and Serial No.

NM-012698

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 #17

9. API Well No.

30-039-07702

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 Squeeze cement & add pay
☐ 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 squeeze cement to cover the Lewis Shale interval before adding pay and stimulating. The Lewis Shale interval is within the existing Mesaverde formation.

RECEIVED
JAN 11 1999

OIL CON. DIV.
DIST. 3

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

Signed

Fabry Clugston

Title

Regulatory Assistant

Date

12/18/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

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.

JAN 07 1999

* See Instruction on Reverse Side

AMCOO

FARMINGTON DISTRICT OFFICE

San Juan 29-6 #17
NM-012698; Unit A. 1190' FNL & 990' FEL
Section 1, T29N, R6W; Rio Arriba County, New Mexico

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

12/3/98

MIRU Key Energy #38. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag down to 5624'. COOH. RIH w/5 1/2" CIBP & set @ 5250'. Load hole w/2% KCl & PT casing to 500 psi for 30 min. – Good test. COOH. RU Blue Jet & logged well. Ran GR/CCL/CBL from 5250' to surface. GIH & shoot 2 squeeze holes @ 3775' & 2 holes @ 3735' (no cement behind casing needing to perf). Established injection rate. GIH w/cement retainer & set @ 3685'. MIRU BJ to squeeze. Squeezed in 60 sx cement w/2 sx CaCl₂ @ 3 bpm displaced w/15 bbls water. Reversed out. COOH. WOC. Pumped 125 bbls 2% KCl down casing. ND BOP & ND WH. Reconditioned casing head. NU WH & BOP. PT-OK. GIH w/4-3/4" bit & tagged cement retainer @ 3685'. Drilled out cement to 3730'.

RU Blue Jet & perf'd the Lewis Shale interval @ 1spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4237').

4273' – 4276' (3');	4281' – 4284' (3');	4297' – 4300'(3');	4304' – 4307' (3');	
4520' – 4523' (3');	4539' – 4542' (3');	4560' – 4563' (3');	4599' – 4602' (3');	
4667' – 4670' (3');	4685' – 4688' (3');	4706' – 4709' (3');	4724' – 4727' (3');	36 Holes

NU spool & 3-1/2" BOP. PT – OK. GIH w/5-1/2" FBP & set @ 4041'. PT casing annulus & packer to 500 psi – OK. RU BJ to acidize. Pumped 1000 gal 15% HCl & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3835'. PT casing annulus, lines – OK. RU to frac Lewis Shale. Pumped 23,940 gal 2% KCl w/60 Quality foam, 194,320 # 20/40 Brady sand. Total N₂ 785,000 scf. ATR – 40 bpm & ATP – 3,200 psi. ISDP – 650 psi. Flowed back immediately on 1/4" choke for approximately 44 hours.

Released & COOH w/packer. RIH w/4-3/4" bit & drilled out bridge @ 5100'. Cleaned out fill to top of BP @ 5250'. Milled through BP. Cleaned out to PBTD 5851'. COOH. GIH w/2-3/8" tubing. Set tubing @ 5632' with "F" nipple set @ 5600'. ND BOPs & NU WH. Pumped off expendable check. RD & MO 12/15/98. Turned well over to production department.