

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, 1812' FNL & 1512' FWL
Section 27, T31N, R6W

5. Lease Designation and Serial No.

SF-078999

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

8. Well Name and No.

SJ 31-6 Unit #24E

9. API Well No.

30-039-25279

10. Field and Pool, or exploratory Area

Blanco Mesaverde and
Basin Dakota

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 MV pay to DK well
☐ 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.)*

This is a Dakota well that we have added Mesaverde pay to and stimulated. See attached for the procedure used:

Plans are to flow the Mesaverde interval until the pressure stabilizes. We will then drill out the CIBPs & cleanout to PBTD. Rerun tubing and then commingle production from both pools. The individual well commingle application will be filed and approved before actual commingling occurs. Commingling from both pools will be done per DHC Order # R11188.

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

Signed

Felix Clugston

Title

Regulatory Assistant

Date

12/1/99

(This space for Federal or State office use)

Approved by

Title

Date

DEC 20 1999

Conditions of approval, if any:

FARMINGTON FIELD OFFICE
BY *[Signature]*

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

NMOC

San Juan 31-6 Unit #24E
SF-078999; Unit F, 1812' FNL & 1512' FWL
Section 27, T31N, R6W; Rio Arriba County, NM

**Details of procedure used to squeeze casing behind MV interval and then
added MV pay to the existing Dakota well.**

11/12/99

RU Key Energy #7. ND WH & NU BOPs. PT - OK. COOH w/2-3/8" tubing. RU Blue Jet & ran CIBP & set @ 6100'. GIH & dumped 10' sand on top of CIBP. Load hole and PT casing, BOP & CIBP to 2000 psi - 15 minutes. Good test. GIH & perforated squeeze holes @ 5420'. Established injection rate. RIH w/4-1/2" cement retainer & set @ 5342'. PT - OK. RU BJ to squeeze. Pumped 50 sx CI H cement w/3% CaCl₂ @ 1.18 yield. Displaced with 19.5 bbls water. Sting out of retainer & reversed out 1 bbls cement. RD BJ. WOC.

RIH w/3-7/8" bit & tagged 3' cement on top of retainer @ 5339'. Drilled out cement and retainer, then 80' cement to 5420 (squeeze holes). PT casing, BOPE, & squeeze to 700 psi - 15 minutes. Good test. RIH w/3-7/8" bit to 6080'. Circ. hole. COOH. RU Blue Jet & ran GR/CCL/CBL from 6100' to 5000'. TOC @ 5190'. Reran log from 6100' & found no cement from 5850 down to 6080'. GIH & shoot squeeze holes from 5969 - 5970'. Established injection rate. NU to squeeze.

RIH w/4-1/2" cement retainer & set @ 5941'. PT tubing/casing annulus - OK. Pumped 50 sx Class H w/2% CaCl₂ with a yield of 1.15 (59 cf). Displaced w/22.5 bbls water. Sting out of retainer & reversed out 1 bbls cement. Circ. hole w/2% KCL. RD cementers. COOH.

RU Blue Jet & perforated Mesaverde interval @ 1spf - .31" dia holes as follows:

5899',	5882',	5874',	5841',	5810',	5805',	5798',	5795',	5791',	5785',	5782',	5773',
5770',	5763',	5758',	5755',	5749',	5746',	5744',	5739',	5734',	5731',	5727',	5724',
5722',	5720',	5718',	5696',	5665',	5662',	5628',	5624',	5620',	5617',	5592',	5588',
5540',	5534',	5530',	5508',	5505',	5445',	5432',	5424	Total 44 holes			

RU BJ to acidize Mesaverde perfs. Pumped 1000 gal 15% HCL & ballsealers. Knocked balls off and retrieved. RU to frac. Pumped 85,318 gal 60 Quality N2 foam w/30# Viking X-link gel w/199,860 # 20/40 Brady sand. ATP - 2550 psi, ATR - 50 bpm. ISIP 1770 psi. Flowed back immediately on 1/4" and 1/2" chokes for approximately 46 hours. RD flowback equipment. GIH & cleaned out fill to TOC @ 5931'. Drilled out cement & retainer @ 5941' & drilled out cement from 5964' - 5970' (squeeze holes). Circulated hole clean. RIH w/2-3/8" tubing and landed @ 5879' w/"F" nipple set @ 5846'. ND BOP & NU WH. PT - OK. Pumped off expendable check. RD & released rig 1800 hrs 11/27/99. Turned well over to production department to flow MV interval only.

Will flow MV until pressures stabilizes and then will RIH & drill out CIBP @ 6100' and commingle DK & MV production. A downhole commingling application will be submitted and approved before any commingling occurs.