

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

5. Lease Designation and Serial No.

SF-078305

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 #4

9. API Well No.

30-039-07696

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

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 L, 1650' FSL & 990' FWL
Section 6, T29N, R5W

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 & stimulate

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

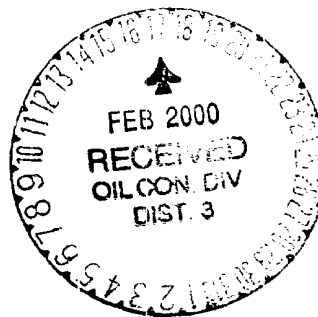
☐ Conversion to Injection

☐ 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 details of the procedure used to add pay and stimulate the Lewis Shale interval within the existing Mesaverde formation.



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

Signed

Patsy Cleegston

Title Sr. Regulatory/Proration Clerk

Date 2/7/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

COPIED 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.

* See Instruction on Reverse Side

NMOC

FARMINGTON FIELD OFFICE
BY SWS

San Juan 29-5 Unit #4
SF-078305; Unit L, 1650' FSL & 990' FWL
Section 6, T29N, R6W; Rio Arriba County, NM

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

1/11/00

MIRU Big A # 29. Killed well. ND WH & NU BOPs. PT - OK. COOH w/1" tubing. RIH w/bit & scraper & tagged up @ 5930'. COOH. RIH w/7" "G" RBP & 7" RP & set @ 5708'. RU BJ to acidize all MV zones. Pumped 4000 gal 15% HCL. . Unset packer & retrieve RBP & COOH. RIH w/7" CIBP & set @ 5200'. Load hole w/150 bbls 2% KCL & PT plug & casing to 550 psi. Held 30 minutes. OK. POOH. RU Blue Jet & ran GR/CCL & CBL from 5200' to surface. TOC @ 5050'. RU & perforated 4 squeeze holes @ 4289'. Casing on vacuum. Load casing w/50 bbls 2% KCl & established injection rate. RIH w/7" cement retainer & set @ 4241'. RU BJ to cement. Mixed and pumped 185 sx Cl H cement (first 85 sx containing fluid loss and the last 100 sx containing 2% CaCl2. Displaced cement to retainer. Maintained good circulation throughout cement job. Stung out of retainer & reversed out 10 sx of good cement to surface. POOH. WOC.

RIH w/bit & tagged cement retainer @ 4241'. Drilled out cement retainer & hard cement from 4244' - 4285'. Circ. hole clean. PT squeeze holes to 500 psi. Held good. Continue in hole & tagged CIBP W 5200'. POOH. RU Blue Jet & perforated Lewis @ 1 spf @ .38" holes as follows:

4864' - 4866' (3');	4842' - 4844' (3');	4813' - 4815' (3');	4711' - 4713' (3');
4690' - 4692' (3');	4627' - 4629' (3');	4576' - 4578' (3');	4562' - 4564' (3');
4548' - 4550' (3');	4335' - 4337' (3');	4298' - 4300' (3');	4289' - 4291' (3'); 36 Total Holes

RIH & set packer @ 4116'. RU BJ to acidize perms. Pumped 1000 gal 15% HCL & ballsealers. Unset FBP & knocked balls off. RIH w/packer @ 4061'. PT - Ok. RU to Frac. Pumped 71,467 gal of 60 Quality N2 foam consisting of 28,728 gal 30# X-link gel & 894,000 scf N2. Pumped a 4200 gal foam pad followed by 67,267 gal cf foam containing 201,040 # 20/40 Brady sand. Flushed w/2961 gal 2% KCL. ITR - 45 bpm, ATP - 2410 psi. ISDP - 512 psi. Flowed back on 1/4" and 1/2" chokes for approx. 31 hours.

RD flowback equipment. Unset FBP @ 4061'. POOH. RIH w/bit & tagged fill @ 5045'. Cleaned out fill 5200'. Drilled out 7" CIBP @ 5200'. Circulated hole clean to 5940' (PBTD). COOH. RIH w/1-1/2" 2.9# J-55 tubing and set @ 5700' with "F" nipple set @ 5666'. ND BOP & NU WH. Pumped off check. RD & released rig 2/1/00. Turned well over to production department and returned to production.