

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit C, 854' FNL & 1649' FWL

Section 33, T31N, R6W

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

8. Well Name and No.

SJ 31-6 Unit #16M

9. API Well No.

30-039-26071

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 change cement slurry
☒ 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.)*

Because PPCO encountered lost circulation problems in prior wells when pumping higher weight slurries a decision was made to change the slurry type from what was permitted. Also the actual volume of cement pumped was slightly less cubic feet of cement (936 cf vs. 998 cf), but we still calculated that the volume would cover the open hole section plus have 100% excess and cased hole at volume. We were not aware that permission needed to be granted by the BLM on a change in the cement design, since the design was still meant to cover the openhole section with 100% excess.

Even with the lighter slurry, circulation was lost while pumping the cement job. Top of Cement was then determined with a temperature survey to be approx. 1600'. A call was then placed to Steve Mason with the BLM 6/22/99 to make him aware of the situation. Holes were shot @ 1510' and cement pumped to 277' and confirmed with a temperature survey.

Primary job cement slurry changes were the following: Lead - 325 sx C1 H cement w/3% Sodium Metasilicate, 5#/sx Gilsontite and 1/4#/sx Cello-flake mixed at 11.4 ppg with a 2.88 yield. Tail slurry of 100 sx C1 H cement with 2% CaCl2 mixed at 15.6 ppg with a 1.21 yield. Note: Cement slurry calculations based on 100% excess over the openhole interval. Remedial cement slurry mix: 210 sx (375.6 cf) 35/65 POZ Class H cement w/6% gel w/12.6 ppg with yield of 1.79. Tail - 50 sx (60 cf) C1 H cement @ 15.6 ppg with yield of 1.20.

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

Signed

Fatsy Livingston

Title

Regulatory Assistant

Date

6/23/99

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

Team Lead, Petroleum Management

Date

6/23/99

Conditions of approval, if any: