

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)

870' FNL & 1450' FWL
Section 6, T-29-N, R-5-W

5. Lease Designation and Serial No.

SF-078410

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 #4A

9. API Well No.

30-039-21339

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 Restimulate Mesaverde
☐ 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 restimulate the Mesaverde formation and return this well to production.

RECEIVED
AUG 24 1995
OIL CON. DIV.
DIST. 3

RECEIVED
OIL
AUG 18 PM 1:53

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

Signed

Ed Harsley

Title Envir./Regulatory Engineer

Date 8-16-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

AUG 22 1995

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
BY MT

NMOCD

San Juan 29-5 #4A
Restimulation of Mesaverde Formation

June 13, 1995 MIRU Big A #18. Loaded hole with 60 bbls 2% KCl water, RD WH, RU BOPs. Test BOP-OK. COOH w/production tubing. TIH w/workstring and fishing tools. Fished for bad tubing, finally had to leave 5 strings of fish at bottom of hole. Set RBP and tested @ 3675'. Good test. Released packer & circ. bottoms's up @ 2 bpm w/2% KCl water. Moved packer up hole testing for holes in 7" casing. There were several holes from 2000 ft to 3400 ft. Pumped into these holes @ 1/4 bpm @ 450 psi, released packer & pumped into all the holes together w/2-3 bpm @ 400 psi.

TIH w/4-1/2" N-80, 11.60# LT&C casing w/lead tie-back shoe, ran total of 88 jts = 3732' w/shoe & FC also ran 13 centralizers, shoe set in hanger @ 3690'. RU Dowell, cement as follows, 210 sxs 65/35 POS, 10% Bentonite, 2% CaCl₂, 462 cu ft, 82 bbl slurry, 12.0 ppg, rate 4 bpm @ 160# - 190# pis, w/2.21 yield = tail 25 sxs G cement neat, 29 cu ft, 5 bbl slurry, 15.8 ppg, 1.15 yield, rate 2-8 bpm @ 150# psi, displaced w/57.38 bbls to FC, Lower rate to 2.5 bpm, bumped plug @ 1580 psi, bleed back, float held, no cement returns to surface, but had good returns through out the cement job. Plug down @ 12:39 6-25-95.

TIH w/2-3/8" tubing, 3-3/4" bit & 4-1/2" scrapper. Tagged FC @ 3659'. Drilling FC & 29 ft of cement to shoe @ 3689'. Drilled shoe out & free fall to sand on top of RBP. Circ. sand off top of RBP. COOH w/RBP.

RU Basin Perfs. RIH w/GR-CCL log from 5600' to 4000'. RU to perf. GIH w/5 gun runs, dual fire, perfs as follows: 2 spf w/90 degree phasing & .038" hole size. 4265'-70'; 4290'-95'; 4315'-20'; 4545'-50'; 4570'-75'; 4595'-4600'; 5380'-85'; 5400'-05'; 5429'-34'; 5478'-83'. No misfires - total holes 100. RD Basin perf.

RU Baker 4-1/2" fullbore packer and set @ 5560'. No breakdown on bottom perfs, COOH, TIH w/sap tool. Breakdown other perfs with acid 15% HCl & 2% KCl water & 70% quality foam and N₂. Total N₂ - 602,000, total fluid 675 bbls, total acid 15% HCl - 119 bbls. Max -3980 psi, min - 3500 psi, avg. 3700 psi, avg. rate - 8 bpm, isip - 550 psi. Flowback to clean up. COOH w/tubing & sap packer. TIH w/tubing, w/bottom jt 2-3/8" tubing set @ 5495'. ND BOP's & NU WH. RD & released rig @ 19:00 pm 7-12-95. Swabbed well and returned to production 7/24/95.