

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 D, 800' FNL & 1140' FWL
Section 31, T29N, R6W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

5. Lease Designation and Serial No.

SF-078426

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 #51A

9. API Well No.

30-039-21088

10. Field and Pool, or exploratory Area

Blanco Mesaverde and
Gobernador Pictured Cliffs E/H

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 PC pay and commingle
☐ 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 add Lewis Shale pay to the existing Mesaverde interval. After this was completed, a CIBP was installed to isolate all of the Mesaverde pay. We then moved uphole and added the Gobernador Pictured Cliffs pay and stimulated it.

Plans are to flow the Pictured Cliff interval until the pressure from the Pictured Cliff interval is below the initial Mesaverde pressure. We will then drill out the remaining CIBP and cleanout to PBTD. Rerun tubing and then commingle production from both pools. The individual well commingling application will be filed and approved before the actual commingling occurs. Commingling from both pools will be done per Order R-11187.

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

Signed

Fatsy Clugston

Title

Regulatory Assistant

Date

8/19/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

BY *SM* OFFICE

**San Juan 29-6 Unit #51A
SF-078426; Unit D, 800' FNL & 1140' FWL
Section 31, T29N, R6W; Rio Arriba County, NM**

**Procedure used to add Lewis Shale pay to the existing Mesaverde interval.
Then we added the Picture Cliffs pool to the well.
This well will commingled once pressures are stabilized.**

8/4/99

MIRU Key Energy #40. ND WH & NU BOP. COOH w/2-3/8" tubing. GIH w/4-1/2" bit & scraper to 5908'. RIH w/4-1/2" CIBP & set @ 5204'. Fill casing w/2% KCl and PT casing to 500 psi for 30 minutes. Good test. RU Blue Jet & ran GR/CCL/CBL from 5204' to surface. Then perf'd Lewis Shale @ 1 spf. (Huerfano Bentonite stratigraphic depth is 4142').

4893' - 4895' (3');	4847' - 4849' (3');	4826' - 4828' (3');	4781' - 4783' (3');;
4678' - 4680' (3');;	4652' - 4654' (3');;	4610' - 4612' (3');;	4583' - 4585' (3');;
4550' - 4552' (3');;	4533' - 4535' (3');;	4363' - 4365' (3');;	4326' - 4328' (3');; 36 total holes

GIH w/4-1/2" packer & set @ 4135'. PT casing to 500 psi for 30 minutes. Good test. RU BJ to acidize. Pumped 1000 gal 15% HCL. RD BJ. RU to frac. PT lines & manifold to 2800 psi. OK. Fraced Lewis Shale w/68,500 gal of 60 Quality N2 foam consisting of 28,140 gal of 30# X-link gel & 833,000 scf N2 gas. Pumped a 4200 gal foam pad followed by 199,000 # 20/40 Brady sand. ATR - 45 bpm; ATP - 3000 psi. ISDP - 1900 psi. Flowed back on 1/4" & 1/2" chokes for approx. 42 hours.

Released packer & COOH. RU Blue Jet & set 4-1/2" CIBP @ 4276'. Filled casing w/2% KCl and PT casing & plug to 500 psi for 30 minutes. Good test. RU Haliburton & ran TMC cased hole log from 3600' - 3200'. RD Haliburton. RU Blue Jet & perforated Pictured Cliff formation as follows @ 0.34" as follows:

7 JSP 2' -	3834' - 3836';	3826' - 3828';	3759' - 3761';	3697' - 3699'	3694' - 3696';
3 JSP 2' -	3679' - 3681';	3669' - 3671';	3653' - 3655'	Total 44 holes.	

RU BJ & RIH w/7" packer & set @ 3684'. RU BJ to acidize PC interval. Pumped 1000 gal 15% HCL & ballsealers. Released packer & knocked balls off. COOH/packer. RIH & retrieved ballsealers. RK Blue Jet. GIH w/7" FB packer. & set @ 3470'. RU BJ to frac. Foam frac'd PC w/44,779 gal of 70 Quality foam consisting of 13,734 gal of Linear gel & 591,000 scf N2 gas. Pumped 882 gal of foam pad followed by 106,400 # 20/40 Brady sand. ATP-2600 psi, ATR - 45 bpm. ISDP - 2100 psi. Flowed back on 1/4" & 1/2" choke for approximately 33-3/4 hours.

Released packer & COOH w/packer. RIH w/2-3/8" tubing and cleaned out fill. Landed tubing W 3804' with "F" nipple set @ 3773' (CIBP @ 4276' still in hole - isolating MV from PC pay). ND BOP & NU WH. RD and released rig 8/18/99. Turned well over to production department to first deliver Picture Cliffs pay only.