

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 B, 790' FNL & 1730' FEL  
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 #53

9. API Well No.

30-039-07509

10. Field and Pool, or exploratory Area

S. Blanco Pictured Cliff, Ext

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 to MV & 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.)\*

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

Plans are to flow the Pictured Cliffs interval until the pressure has stabilized. We will then drill out the CIBPs, cleanout to PBTD, rerun tubing and then commingle production from both pools. The individual well commingling application will be filed and approved before actual commingling occurs. Commingling from both pools will be done per DHC Order 11187.

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

Signed

*Felix Clugst*

Title

Regulatory Assistant

Date

12/13/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

*ahsc*

ACCEPTED 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

MAR 06 2000

NMOCD

FARMINGTON FIELD OFFICE  
BY *[Signature]*

**San Juan 29-6 #53**  
**SF-078426; Unit B, 790' FNL & 1730' FEL**  
**Section 31, T29N, R6W; Rio Arriba County, NM**

**Details of the procedure used to add PC pay & stimulate the MV well.**

11/23/99

MIRU Key Energy #40. Kill tubing. ND WH & NU BOPs. PT - OK. COOH w/tubing. RIH w/4-1/2" bit & scraper & tagged PBTD @ 5636'. COOH. RIH w/5-1/2" CIBP & set @ 4950'. Load hole w/2% KCL & PT CIBP & casing and rams to 580 psi. + 30 minutes. Good test. POOH. RU Blue Jet & ran GR/CCL/CBL from 4946' - surface. TOC - 4430'. Shoot 2 squeeze holes @ 4355'. Established injection rate. Shoot 2 squeeze holes @ 4015'. RIH w/5-1/2" cement retainer & set @ 4310'. RU BJ to squeeze. Pumped 50 sx CI H @ 15.8 ppg. Pumped cement @ 2 bpm - 425 psi. Displaced cement to retainer w/pressure climbing to 1900 psi. Sting out w/1900 psi on retainer. Pulled up to 4030' & reversed out 40 bbls H2O. Pressured up on sqz holes 4015'. Held 950 psi. POOH.

RIH & RU Blue Jet & perforated down below tubing @ 4015' w/2 shots. Established injection rate. RU BJ to cement. Spot a 30 sx CI H cement plug from 3810' to 4030'. PU. Pressured up on cement squeezing 1 bbl into perf holes @ 4015. SI well w/1500 psi on cement. POOH. RIH w/4-3/4" bit & tagged up @ 3843' (187' cement). Drilled hard cement from 3843' - 4030'. Circ. clean to 4055'. PT squeeze holes @ 4015' to 1100 psi. Held OK. Continue in hole & tagged cement on top of retainer @ 4260'. Drilled out cement from 4260' - 4310'. DO cement retainer. C/O to PBTD @ 4950'.

RU Blue Jet & ran CBL from 4947' - 3800'. Good cement across all zones of interest. Perforated Lewis. @ 1 spf as follows:

4843' - 4846' (3');	4603' - 4606' (3');	4540' - 4543' (3');	4458' - 4461' (3');
4412' - 4415' (3');	4407' - 4410' (3');	4336' - 4339' (3');	4296' - 4299' (3');
4283' - 4286' (3');	4272' - 4275' (3');	4018' - 4020' (3');	4012' - 4014' (3'); 36 holes total

RIH w/5-1/2" FB packer & set @ 4578'. RU to acidize. Pumped 1000 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. RIH & set packer @ 3792'. PT - OK. Pumped 69,301 gal of 60 Quality N2 foam consisting of 28,686 gal of 30# X-link gel & 862,000 scf N2 gas. Pumped a 4200 gal foam pad followed by 22,764 gal of foam containing 200,700 # 20/40 Brady sand. ATR - 38 bpm, ATP - 4500 psi. ISDP - 545 psi. Flowed back on 1/4" and 1/2" chokes for approx. 39 hrs. RD flowback equipment.

RIH w/5-1/2" CIBP & set @ 3990'. Load hole & PT to 600 psi. Held OK. Perforated 2 squeeze holes @ 3450'. RU BJ to squeeze. BJ established injection rate. RIH w/5-1/2" cement retainer & set @ 3420'. PT - OK. Pumped 100 sx CI H cement. Displaced cement to within 100' of retainer. Sting out of retainer & reversed out 14 sx good cement to surface. POOH & WOC. RIH w/4-3/4" bit & tagged up @ 3418'. Drilled 2' cement & retainer. Ran chased hole logs GR/CCL/CBL from 3410' - 2600'. Good cement across all zones of interest. Perforated Pictured Cliffs interval @ 2 spf .36" holes as follows:

3378' - 3380';	3342' - 3344';	3320' - 3325';	3302' - 3307';	3288' - 3290';	3265' - 3270';	3254' - 3256'
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18' = 36 total holes

GIH w/packer & set @ 3358'. PU to acidize Pictured Cliffs interval. Pumped 750 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. PT - OK. Pumped 50,838 gal 70 Quality foam consisting of 13,356 gal 20 # Linear gel & 576,000 scf N2. Pumped a 882 gal foam pad followed by 49,390 gal foam containing 107,579 # 20/40 Brady sand. Flushed by 1276 gal foam. ISDP - 2118 psi. Flowed back on 1/4" and 1/2" chokes for approx. 44 hours. RD flowback equip. Unset packer & COOH. RIH w/4-3/4" bit & cleaned out fill to cement retainer. Drilled out cement retainer @ 3410' & hard cement to 3455'. Circ. hole. Continue in hole to PBTD @ 3990'. COOH. RIH w/2-3/8" production tubing and set @ 3342' & "F" nipple @ 3329'. ND BOPs & NU WH. Pumped off check. RD & released rig 12/10/99. Turned well over to production department to first deliver.