

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 B, 990' FNL & 1650' FEL  
Section 34, T29N, R6W

5. Lease Designation and Serial No.  
SF-080146

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 #52

API Well No.  
30-039-07503

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 Add pay and 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 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

Title

Regulatory Assistant

Date

1/8/99

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

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

NMOC

FARMINGTON DISTRICT OFFICE

**San Juan 29-6 Unit #52**  
**SF-080146; Unit B, 990' FNL & 1650' FEL**  
**Section 34, T29N, R6W; Rio Arriba County, New Mexico**

**Procedure used to squeeze cement behind the casing at the Lewis Shale interval and then perf  
& stimulate the Lewis Shale interval in the existing Mesaverde formation.**

12/10/98

MIRU Key Energy #40. Killed well . ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag down to 5625. COOH. RIH w/5 1/2" CIBP & set @ 4950'. Load hole w/2% KCl & PT casing to 500 psi for 30 min. – Good test. COOH.

RU Blue Jet & logged well. Ran GR/CCL/CBL from 4900' to surface. Picked squeeze holes. Shoot four .38" holes @ 3875'. RD Blue Jet. GIH & set 5-1/2" Baker cement retainer @ 3817' on WS. PT – OK. Pumped 14 bbls CI H neat (64 sx) w/2% CaCl<sub>2</sub>. Avg rate 2.5 bpm/315 psi. Displaced w/ 14.5 bbls. Shut down for 5 mins., then pumped 1/2 bbl water @ 1050 psi. Left approx. 1/2 bbl cement above cement retainer. Sting out of cement retainer. RD BJ cementing equipment. COOH w/WS & cement retainer tool. RIH w/bit & tagged cement @ 3808'. Drilled cement from 3801 to 3817'. Drilled out cement retainer. Drilled ahead through cement to 3875'. CIH w/CIBP and set @ 4950'. Displace – reversed circulated well w/clean water. PT casing & squeeze to 500 psi for 30 min. OK. COOH.

RU Bluejet & perf'd Lewis Shale interval @ 1 spf 120 deg. phasing. .38" diam. as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3955').

4725' – 4728' (3');	4683' – 4686' (3');	4650' – 3653' (3');	4605' – 4608' (3');
4529' – 4532' (3');	4452' – 4455' (3');	4417' – 4420' (3');	4408' – 4411' (3');
4341' – 4344' (3');	4333' – 4336' (3');	4308' – 4311' (3');	4248' – 4251' (3'); 36 holes total

GIH w/4 1/2" packer & set @ 4032'. PT casing annulus & packer to 500 psi – OK. RU to acidize Lewis Shale. Pumped 1000 gal of 15% HCL & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3980'. PT casing annulus, lines – OK. RU to frac Lewis Shale. Pumped 60 Quality X-link N<sub>2</sub> foam & 199,860 # of 20/40 Brady sand with additives. Total 769,000 scf N<sub>2</sub>, 874 bbls fluid. 30# base gel. ATR – 40 bpm and ATP – 3450 psi. ISIP 380 psi. Flowed back immediately on two 1/4" chokes for approximately 40 hours.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 4950' (CIBP). Drilled out CIBP. Cleaned out to PBTD @ 5615'. COOH. RIH w/2-3/8" 4.7# J-55 tubing and set @ 5497' with "F" nipple set @ 5464'. ND BOPs & NU WH. Pumped off expendable check. RD & released rig 12/18/98. Turned well over to production department.