

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 L, 1790' FSL & 890' FWL
Section 8, T29N, R5W

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-03188

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 Unit #22

9. API Well No.

30-039-07659

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 & 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.)*

The abovementioned well was perforated in the Lewis Shale zone of the Blanco Mesaverde formation. See the attached for details on perfs and stimulation procedure used.

RECEIVED
MAR 24 1997

OIL COAL DIV.
DIST. 3

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

Signed

Faisy Clugston

Title Regulatory Assistant

Date March 14, 1997

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

MAR 19 1997

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

NMOCD

FARMINGTON DISTRICT OFFICE

San Juan 29-5 #22
NM-03188; Unit L, 1790' FSL & 890' FWL
Section 8, T29N, R5W; Rio Arriba County, NM

Procedure used to add Lewis Shale pay to existing Mesaverde formation and stimulate.

2/27/97

MIRU Big A #18. Killed well. ND WH & NU BOPs and Test. POOH w/1-1/4" production tubing. GIH w/scraper to 5896'. POOH. RU Bluejet & set 7" RBP @ 4648'. Dump sand on top of RBP. Load hole with 2% KCl water & PT to 500 psi. OK. Ran GR/CCL strip log. Rih w/3-1/8" perforating gun. Perforated Lewis Shale formation as follows: 1 spf @ 120° phasing.

4585'-4590'	=	5'	=	10 holes
4505'-4515'	=	10'	=	10 holes
4445'-4450'	=	5'	=	10 holes
4310'-4315'	=	5'	=	5 holes
4285'-4290'	=	5'	=	10 holes
4250'-4260'	=	10'	=	5 holes
<u>4240'-4245'</u>	<u>=</u>	<u>5'</u>	<u>=</u>	<u>5 holes</u>
Total	=	45'	=	45 holes

RIH w/7" Baker Packer & 3-1/2" workstring & set @ 4203'. Test to 500# for 30 min. -good test. RU BJ & pumped 1000 gal. of 15% HCL acid & 68 ball sealers. Formation balled off @ 5600 psi. Surged balls off. Release packer & knocked balls off. Reset packer. Frac'd well with 70,764 gal of 2% Kcl water w/30# gel. Pumped 115,300 # of 20/40 Arizona sand, pumped 740,000 scf of N₂ at 70/60% quality foam. Sand ramped 1 to 4 ppg. Well pressured out @ 5700 psi went to flush, pumped 4 bbls well screened out. Treating pressures - max. 5600#, min. 2280#, avg 2900#. Inj. treating rate 30 bpm total, rate of flush 4 bpm, avg. rate 30 bpm, total fluid pumped was 721 bbls. RD BJ.

Flowed back on 1/4" choke for @ 64 hours. Cleaned out well with air to 4648'. Released RBP & COOH w/tubing. RU Baker 7" R-3 Packer & BHA. RIH w/BHA & 2-3/8" tubing & set as follows: 2-3/8" plug set @ 5823', bottom jt 2-3/8" tubing set @ 5822'; 2-3/8" FN w/1.81 profile set @ 5792'; 37 jts 2-3/8" tubing set @ 5791'; 7" R-3 Packer set @ 4635'; 7 jts blast jt N-80 tubing @ 4626'; 2-3/8" L sleeve w/1.87 profile set @ 4394'; 7 jts N-80 "B Js" tubing set @ ~~4392~~ 4392' 133 jts 2-3/8" tubing set @ 4160' to surface.

ND BOPs & NU WH. Test. Good test & pull BPV. Open sliding sleeve. POOH. RD & MO (3-12-97). Turned well over to production.