

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)

Unit D, 940' FNL 7 790' FWL
Section 27, T29N, R6W

5. Lease Designation and Serial No.

NM-03040-A

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 #46A

9. API Well No.

30-039-21287

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.)*

Attached is the procedure used to perforate and stimulate the Lewis Shale zone in the Mesaverde formation on the subject well.

RECEIVED
JUL 14 1997

OIL CON. DIV.
DIST. 3

RECEIVED
JUL 19 1997
OIL CON. DIV.
DIST. 3

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

Signed

Felix Chagrin

Title Regulatory Assistant

Date 6-19-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

JUL 09 1997

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.

FARMINGTON DISTRICT OFFICE

* See Instruction on Reverse Side

NMOC

San Juan 29-6 #46A
NM-03040-A; Unit D, 940' FNL & 790' FWL
Section 27, T29N, R6W; Rio Arriba County, New Mexico

Procedure used to add Lewis Shale pay to existing MV zone and stimulate.

6/6/97

MIRU Big A #18. Killed well. ND WH & NU BOPs. Test-Ok. COOH w/2-3/8" producing tubing. GIH w/workstirng to 5637' (TD). Cleaned out hole. COOH. RIH & set RBP @ 4514'. Ran GR/CCL/CBL from 4500'-3500'. RIH & perf'd Lewis Shale @ 1spf w/120° pahsing as follows:

4429'-4434'	=	5 holes;	4360'-4365'	=	5 holes;
4300'-4310'	=	10 holes;	4265'-4270'	=	5 holes;
4215'-4220'	=	5 holes;	4090'-4095'	=	5 holes;
4045'-4055'	=	10 holes	4020'-4025'	=	5 holes;
4000'-4005'	=	5 holes			

Total 55 holes

GIH w/4-1/2" packer and set @ 3902'. Load casing w/2% Kcl & test - good test. RU BJ & acidized w/24 bbls of 15% Hcl & 83 ball sealers. Balled off @ 5700 psi. Surged, released packer, knocked balls off and retrieved balls.

RU B&R & RIH w/RTD @ 3955'. RU BJ to frac. Pumped 84,000 gal 2% KCl w/30# gel, pumped 168,200 # 20/40 Arizona sand, & 954,000 scf of N₂ w/70 quality foam. Avg treating pressure 3600#, avg rate 35 bpm. ISIP 1900#. Flowed back immediately on 1/4" choke. Flowed back for 90 hrs. COOH w/RTD. Blue Jet did acoustic survey from 4430'-3900'. Cleaned out with N₂. COOH w/RBP. Cleaned out casing to TD with air. GIH w/2-3/8" 4.7# J-55 tubing and set at 5601'. Production packer set @ 4524' and "L" sliding sleeve set @ 4236'. ND BOPs and NU WH. Test - Good test. RD & MO. Turned well over to production department.