

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)

975' FNL & 1770' FEL

Section 6, T29N, R5W

5. Lease Designation and Serial No.

SF-078410

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 #19

9. API Well No.

30-039-07707

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 perms and stimulation procedure used.

RECEIVED
FEB 24 1997
OIL CON. DIST.
DIST. 3

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

Signed Faisy Chugton

Title Regulatory Assistant

Date 2-18-97

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

FEB 21 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 #19
SF-078410; 975' FNL & 1770' FEL,
Sec. 6, T29N, R5W, Rio Arriba County, NM

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

1/15/97 MIRU Big A #40. ND WH & NU BOPs. Test. POOH w/2-3/8" tubing. RIH w/bit & scraper. COOH. Bit stuck in hole & had to burn over bit and chase to bottom (5964'). POOH. RIH w/5-1/2" Baker RBP & set @ 5410'. Dumped 2 sx sand on top of RBP. GIH w/GR/CCL strip & log from 5400'-3844'. Load hole w/2% KCl & test plug to 500 psi-OK. GIH w/perforating guns & perf'd Lower Lewis Shale w/1 spf, .35" 120° phasing as follows:

5330'-5335'	=	5'	=	5 holes
5260'-5265'	=	5'	=	5 holes
5235'-5240'	=	5'	=	5 holes
5080'-5085'	=	5'	=	5 holes
5005'-5010'	=	5'	=	5 holes
4935'-4940'	=	5'	=	5 holes
<u>4810'-4815'</u>	=	<u>5'</u>	=	<u>5 holes</u>
Total		35'	=	35 holes

Pumped 1000 gal 15% HCl & 53 7/8" ball sealers. Balled off @ 5500 psi @ 11 bpm. Avg rate 11 bpm & avg pressure 3800 psi. Knocked balls off. RU BJ to pump 50 quality X-link foam frac. Total sand = 145,000 #s 20/40 AZ sand; 715,000 scf N₂; avg rate 30 bpm and avg pressure 5000 psi.

Immediate flowback for forced closure on 1/4" choke & then on 2" choke. GIH w/2-3/8" tubing and cleaned w/N₂. Put well on flowback @ 30 hours. COOH w/tbg. RU Bluejet wireline & RIH & set 5-1/2" RBP @ 4780'. Dumped 2 sx sand on top of RBP. Load hole w/2% KCl water & test RBP to 500 psi. OK. RU Bluejet - perf'd Upper Lewis Shale w/.35" 1spf 120° phasing.

4745' - 4750'	=	5'	=	5 holes
4585' - 4690'	=	5'	=	5 holes
4665' - 4670'	=	5'	=	5 holes
4595' - 4600'	=	5'	=	5 holes
4535' - 4540'	=	5'	=	5 holes
4440' - 4445'	=	5'	=	5 holes
<u>4415' - 4425'</u>	=	<u>10'</u>	=	<u>10 holes</u>
Total		40'		40 holes

RIH w/Pkr & workstring. Set Pkr. @ 4347'. Load casing & tbg w/2% KCl & test pkr. OK. MIRU BJ - acidized w/1000 gal 15% HCl & 60 balls. Balled off @ 5300 psi - 20 bpm; Avg. rate 17 bpm; avg. pressure 3400 psi. Knocked balls off.

Frac'd w/50 quality X-link foam as follows:

Total fluid - 622 bbls

Total N₂ - 633,000 scf

Total Sand - 109,000 # 20/40 AZ sand

Avg. rate - 30 bpm

Avg. pressure - 4,700 psi

ISIP = 3,300 psi

Put on immediately flow back for forced closure. Flowed on 1/4" choke @ 64 hrs. Test liner & 7-5/8" casing - good test. Cleaned out well with N₂ and air.

GIH w/2-3/8" Eue, 8rd, 4.7# J-55 tubing and landed @ 5910'. Top of lower "FH" packer @ 5393'; top of Upper "FH" packer @ 4766'. Lower sliding sleeve @ 5130' and upper sliding sleeve @ 4406'. Installed BPV in tubing hanger & ND BOPs. NU WH & test - Good. Set sliding upper sleeve in open position. RD & MO Big A #40 on 2/14/97. Turned well over to production department.