

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)

1740' FSL & 1650' FWL
K Section 14, T30N, R5W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-080538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 30-5 Unit

8. Well Name and No.

SJ 30-5 #109

9. API Well No.

30-039-24266

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 Pay Added & Stim.

☐ 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 above mentioned well.

RECEIVED
APR 29 1997
OIL CON. DIV.
DIST. 9

070 FARMINGTON, NM
97 APR 23 PM 2:35

RECEIVED
BLM

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

Signed

Patsy Clugston

Title

Regulatory Assistant

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD
APR 23 1997

APR 25 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.

FARMINGTON DISTRICT OFFICE

* See Instruction on Reverse Side

NMOC

San Juan 30-5 #109
SF-080538, 1740' FSL & 1650' FWL
Section 14, T30N, R5W; Rio Arriba County, NM

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

4/08/97

MIRU Big A #40. Killed well. ND WH & NU BOPs and Test. POOH w/2-3/8" production tubing. GIH w/scraper to 6070'. POOH. RU Bluejet & set 4-1/2" RBP @ 5010'. Dump sand on top of RBP. Load hole with 2% KCl water & PT to 500 psi. OK. Ran GR/CCL strip log & CBL. RIH w/3-1/8" perforating gun. Perforated Lewis Shale formation as follows: 1 spf @ 120° phasing.

4911'-4916'	=	5'	=	5 holes
4890'-4895'	=	5'	=	5 holes
4828'-4833'	=	5'	=	5 holes
4762'-4767'	=	5'	=	5 holes
4538'-4543'	=	5'	=	5 holes
4503'-4513'	=	10'	=	10 holes
4474'-4479'	=	5'	=	5 holes
4462'-4467'	=	5'	=	5 holes
<u>4254'-4259'</u>	<u>=</u>	<u>5'</u>	<u>=</u>	<u>5 holes</u>
Total	=	50'	=	50 holes

RIH w/4-1/2" Baker Packer & 2-3/8" & 3-1/2" workstring & set @ 4140'. Test to 500# for 30 min. -good test. RU BJ & pumped 1000 gal. of 15% HCL acid & 75 ball sealers. Release packer & knocked balls off. Reset packer. Frac'd well w/70 quality linear foam as follows: 175,000# 20/40 AZ sand, 1,024,000 scf N₂ (avg 60 quality), total fluid 898 bbls. Avg treating pressure - 4000 psi, avg rate 40 bpm. Flowed back on 1/4" choke for 77.5 hours. Cleaned out well with air. RIH w/2-3/8" 4.7# J-55 tubing & set as follows: 2-3/8" tubing set @ 5846'; FN set @ 5814'; 5-1/2" Baker Model R-3 Packer set @ 5047'; Model L sliding sleeve set @ 4283'.

ND BOPs & NU WH. Test. Open sliding sleeve. POOH. RD & MO (4-18-97). Turned well over to production.