

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 F, 1810' FNL & 1850' FWL
Section 5, T29N, R5W

5. Lease Designation and Serial No.

SF-078343

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 #18A

9. API Well No.

30-039-21337

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.)*

MIRU. ND WH & NU BOPs. POOH w/production tubing. Isolate existing Mesaverde perfs with bridge plug. PT casing. If casing fails test - isolate failure. Remediate with cement.

If well records indicate no cement across the Lewis Shale interval, it may be necessary to run a casing bond log (CBL). Shoot squeeze holes in the casing and pump sufficient volumes of cement to cover and isolate the Lewis Shale.

Perforate and stimulate the Lewis Shale (perfs to be determined after logs are run). Retrieve bridge plug and run production tubing. Flow test the Lewis Shale.

A workover pit may be required.

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

Signed Wayne Townsend Title Regulatory Assistant Date 7-2-98

(This space for Federal or State office use)

Approved by WAYNE TOWNSEND Title Reg. Asst. Date 7-6-98

Conditions of approval, if any:

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RECEIVED
AUG 17 1998

OIL CON. DIV.
DIST. 3

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See attached for the procedure used to add pay and stimulate the Lewis Shale interval in the existing Mesaverde formation.

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

Signed

Title

Regulatory Assistant

Date

8/4/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 14 1998

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

FARMINGTON DISTRICT OFFICE

NMOC

San Juan 29-6 Unit #18A
SF-078343; Unit F, 1810' FNL 7 1850' FWL
Section 5, T29N, R6W; Rio Arriba County, NM

Procedure used to perf & stimulate the Lewis Shale interval in the existing Mesaverde formation.

7/24/98

MIRU Big A #53. Killed well. ND WH & NU BOPs. Cleaned out fill from 5720' to 5740' (PBTD). COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 6040' (cleaned out 20' fill). RIH & set CIBP @ 5400'. Load hole and pressure test CIBP, casing & rams to 500 psi – 30 min. Held OK. RIH to log well. Good cement across all zones of interest. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4104').

5003' – 5006' (3');	4950' – 4953' (3');	4928' – 4931' (3');	4905' – 4908' (3');
4888' – 4891' (3');	4819' – 4822' (3');	4778' – 4781' (3');	4761' – 4764' (3');
4747' – 4750' (3');	4674' – 4677' (3');	4524' – 4527' (3');	4496' – 4699' (3'); Total 36 holes

GIH w/4 1/2" packer 4308' PT casing annulus & packer to 500 psi – OK. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer inside the liner top @ 3922'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 37,464 gal of 30# X-link gel & 903,200 scf of N2 gas. Pumped 201,700 # 20/40 Brady sand. Flushed w/68 bbls of frac fluid. ISIP 500 psi. ATR – 45 bpm and ATP – 2850 psi. Flowed back on 1/4" choke for approx. 35 1/2 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5400'. Drilled out & circulated bottoms up. RIH w/2-3/8" 4.7# tubing and cleaned out to 6040'. Land tubing @ 5897' with "F" nipple @ 5865'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 8/3/98. Turned well over to production department.