

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.

5. Lease Designation and Serial No.

SF-078917

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 #8

9. API Well No.

30-039-07490

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE

DEC - 1 1990

PHILLIPS PETROLEUM COMPANY

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)

1650' FSL & 1650' FWL
Section 35, T29N, R37W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Add pay and stimulate</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

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

1999 NOV 19 PM 1:56
 BLM FARMINGTON FIELD OFFICE

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

Signed

Fatsy Chigata

Title

Regulatory Assistant

Date

Nov 17, 1999

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

NOV 25 1999

* See Instruction on Reverse Side

NMOC

FARMINGTON FIELD OFFICE

San Juan 29-5 Unit #8
SF-078917; 1650' FSL & 1650' FWL
Section 35, T29N, R5W; Rio Arriba County, NM

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

11/1/99

MIRU Key Energy #40. Kill well w/2% KCL. ND WH & NU BOPs. PT OK. COOH w/2-3/8" tubing. RIH w/5-1/2" scraper & tagged fill @ 6783'. POOH. RIH w/5-1/2" N-1 CIBP & set @ 6180'. Load hole w/90 bbls 2% KCL water and PT plug, casing and rams to 550 psi for 30 minutes - GOOD test. RU Blue Jet & ran GR/CCL/CBL from 6180' to surface. TOC @ 5340'.

RU BJ to do cement squeeze. RIH & set 5-1/2" cement retainer @ 4935'. PT - OK. Established injection rate. Pumped 30 sx Cl H cement w/2% CaCl₂ @ 15.8 ppg. Stung out of retainer w/350 psi of squeeze pressure. Reversed out 1 bbl good cement to pit. POOH. WOC.

RIH 4-3/4" bit & tagged up @ 4935'. Drilled out cement retainer @ 4935'. Drilled out 65' of hard cement below retainer to 5000'. Circ hole clean. PT casing and squeeze holes & rams to 1000 psi - 20 minutes. Good test. POOH w/bit.

RU Blue Jet & perforated Lewis Shale @ 1 spf .38" holes as follows:

5762' - 5764' (3');	5687' - 5689' (3');	5670' - 5672' (3');	5654' - 5656' (3');
5611' - 5613' (3');	5570' - 5572' (3');	5554' - 5556' (3');	5433' - 5435' (3');
5422' - 5424' (3');	5406' - 5408' (3');	5210' - 5212' (3');	5178' - 5180' (3'); Total 36 holes

RIH w/5-1/2" packer & set @ 5069'. RU BJ to acidize. Pumped 1000 gal 15% HCL & ballsealers. Unset packer & knocked off balls. POOH w/packer. RU to frac. Set packer @ 4966'. PT OK. RU BJ to frac. Pumped 70,178 gal 60 Quality N₂ consisting of 30,828 gal of 30# X-link gel & 872,000 scf N₂ gas. Pumped a 4200 gal foam pad followed by 65,978 gal of foam carrying 211,280 # of 20/40 Brady sand. ATR - 32 bpm. ATP - 3450 psi. ISDP - 200 psi. Flowed back on 1/4" choke for approx. 13 hrs, then opened up on 2" chokes. SI well to build up. Ran a sinker bar on sand line & tagged @ 3200'. Surged bridge free & ran SL to 4700'. Swabbed well & flowed back 37 more hours. RD flowback equipment. Unset packer @ 4966'. COOH. RIH w/4-3/4" bit * tagged fill @ 5880'. Cleaned out sand to 6180'. Drilled out CIBP @ 6180'. Continue cleaning out to 6788' (?BTD). COOH. RIH w/2-3/8" tubing and set @ 6711' with "F" nipple set @ 6679'. ND BOPS & NU WH. PT- OK. Pumped off check & RD & released rig 11/13/99. Turned well over to production department.