

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.  
**NM-80162**

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 #39**

9. API Well No.

**30-039-07570**

10. Field and Pool, or exploratory Area

**Blanco Mesaverde**

11. County or Parish, State

**Rio Arriba, NM**

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 M, 990' FSL & 700' FWL  
Section 23, T29N, R5W**

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  
AUG - 4 1997

OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
27 JUL 16 PM 12:14  
070 FARMINGTON, NM

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

Signed *Falsey Clugston* Title Regulatory Assistant

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date 7-15-97  
Conditions of approval, if any: \_\_\_\_\_

ACCEPTED FOR RECORD

JUL 31 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 or any State, any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

**San Juan 29-5 #39  
 NM-80162; Unit M, 990' FSL & 700' FWL  
 Section 23, T29N, R5W; Rio Arriba County, New Mexico**

**Procedure used to perforate and stimulate the Lewis Shale pay to the subject well. The original Mesaverde zone had been temporarily abandon. (see sundry dated 2-16-94).**

7/2/97

MIRU Big A #18. ND WH & NU BOPs. Test-OK. RIH w/3-1/2" workstring & bit & scraper to 5930'. Circ. casing & displaced packer fluid w/295 bbls KCl. COOH w/workstring. RIH & ran GR/CCL/CBL from 5000' to 3900'. ND BOP & ND WH. Changed out WH. Test - good. RIH w/5-1/2" packer & set @ 4037'. RIH Blue Jet & perf'd @ 1 spf 120° phasing as follows:

5540'-5545'	=	5';	4920'-4925'	=	5'	
5465'-5470'	=	5';	4875'-4880'	=	5'	
5340'-5345'	=	5';	4805'-4810'	=	5'	
5230'-5235'	=	5';	4660'-4665'	=	5'	
5030'-5035'	=	5';	4610'-4615'	=	5'	<b>Total 50 holes</b>

RIH & set packer @ 4100'. RU BJ and acidized w/1000 gal 15% HCl & 70 ballsealers. Avg. rate 7 bpm and avg pressure 1089 psi. RD & release packer & knocked off balls. Rev. circ. packer clean & set packer @ 4100'. RIH w/RTD tool @ 4545'. Frac'd as follows: pumped 31,920 gal of 2% KCl water w/30# gel; total 987,000 scf N<sub>2</sub> w/50-60% quality foam, 203,000 # of 20/40 Arizona sand. Avg. rate 41 bpm and avg. pressure 4810 psi. ISDP @ 3020#. Immediate flowback on 1/4" choke for 79 hrs. RU B&R & RIH w/RTD. Run acoustic log from 5545'-4600'.

GIH & set RBP @ 4310. Set packer @ 65'. Load hole & pressure test casing. Isolated casing leak @ 0-294'. COOH w/packer. RU BJ to cement. Pumped 42 bbls Class B @ 15.6 ppg, yield 1.18. Pumped @ 1 - 1.5 bpm; max pressure 1600 psi. Displaced w/H<sub>2</sub>O @ rate of 1 - 1.5 bpm w/2.36 bbls displacement. SI w/500 psi. Cemented over holes from 40' - 264'. RD BJ. PT lost 125psi in 15 min. Driled out 50' of cement and PT again - same results. MIRU BJ & pumped 20 sx cement to surface. Squeezed w/2350 psi. PT casing to 500 psi - 15 min. Good test. PT from 4310' to surface w/500 psi for 15 min. Good test. Cleaned sand from top of RBP & POOH. GIH w/2-3/8" 4.7# N-80 & J-55 tubing; set F Nipple @ 5314'; and tubing set @ 5348'. ND BOPs & NU WH. Test - good. Pumped off expendable check. RD and released well to production department on 7/14/97.