

Hobbs, NM 88241-1980  
 District II - (505) 748-1283  
 811 S. First  
 Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road  
 Aztec, NM 87410  
 District IV - (505) 827-7131

NEW MEXICO  
 Energy Minerals and Natural Resources Department  
 Oil Conservation Division  
 2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131

Form C-140  
 Revised 06/99

SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO APPROPRIATE  
 DISTRICT OFFICE

APPLICATION FOR  
 WELL WORKOVER PROJECT  
 RECEIVED  
 JUL 12 1999  
 OIL CON. DIV.  
 DIST. 3

I. Operator and Well

Operator name & address Phillips Petroleum 5525 Hwy. 64 Farmington, NM 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-5 Unit					Well Number 22A		API Number 30-039-21343	
UL F	Section 8	Township 29N	Range 5W	Feet From The 1500	North/South Line North	Feet From The 1460	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 8/18/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 8/25/98	

- III. Attach a description of the Workover Procedures performed to increase production.
- IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of New Mexico )  
 ) ss.  
 County of San Juan )  
Patsy Clugston, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Patsy Clugston Title Regulatory Assistant Date 7-1-99  
 SUBSCRIBED AND SWORN TO before me this 1st day of July, 1999.

Mary J. Brown  
 Notary Public

My Commission expires: 10-8-2001

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:  
 This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 8/25, 98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>7/16/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

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, 1500' FNL & 1460' FWL  
 Section 8, T29N, T5W

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 Unit #22A

9. API Well No.  
 30-039-21343

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	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.

070 FARMINGTON, NM  
 58 AUG 28 PM 12:  
 RECEIVED

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

Signed Patsy Clugston Title Regulatory Assistant Date 8/26/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

ACCEPTED FOR RECORD

SEP 03 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

OPERATOR

**San Juan 29-5 #22A**  
**SF-078410; Unit F, 1500' FNI 7 1460' FWL**  
**Section 8, T29N, R5W; Rio Arriba County, New Mexico**

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

8/18/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/4-1/2" CIBP & set @ 5300'. Load hole & PT casing & rams to 600 psi – 30 min. Held OK. COOH. RU Blue Jet & logged well. Ran GR, CBL & CCL from 5300 – surface. Good cement across all zones of interest. TOC 2590'. RU & perf'd the Lewis Shale interval @ 1 spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3993').

4870' – 4783' (3');	4796' – 4799' (3');	4784' – 4787' (3');	4747' – 4750' (3');
4738' – 4741' (3');	4684' – 4687' (3');	4672' – 4675' (3');	4614' – 4617' (3');
4604' – 4607' (3');	4591' – 4594' (3');	4440' – 4443' (3');	4435' – 4438' (3'); Total 36 holes

RIH w/FB packer & set @ 4239'. PT – OK. RU BJ to acidize Lewis Shale interval. Pumped 1000 gal 15% HCL & ballsealers. Knocked off and retrieved balls. POOH w/packer. RIH w/packer & set @ 3768' (inside liner). PT casing annulus to – OK.

RU to frac Lewis Shale. Pumped 72,500 gal of 60Q N2 foam consisting of 22,596 gal of 30#X-link gel & 888,921 scf of N2 gas. Pumped 201,720 # 20/40 Brady sand. ATP – 2450 psi and ATR – 45 bpm. ISDP – 500 psi. Flowed back immediately on 1/4" choke for approximately 37 hours.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 5300' (CIBP). Drilled out CIPB & circulated bottoms up. Cleaned out to @ 5844' (7' of fill). Landed tubing @ 5763' with "F" nipple set @ 5730'. ND BOPs & NU WH. Pumped off exp check. RD & released rig 8/25/98. Turned well over to production department.

# 29-5 #22A Workover Production Increase

