

1999 FORM C-140
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 06/95

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

RECEIVED
JUL 20 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 29-6 Unit						Well Number 57A		
						API Number 30-039-21087		
UL P	Section 33	Township 29N	Range 6W	Feet From The 1090	North/South Line South	Feet From The 890	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 11/24/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 12/3/98	

- 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:
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. 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 7/15/99
SUBSCRIBED AND SWORN TO before me this 15th day of July, 1999.

My Commission expires: _____

William Armenta
Notary Public

OFFICIAL SEAL
GILLIAN ARMENTA
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
MY COMMISSION EXPIRES 10/2/99

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 12/3/98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>8/11/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

1993-1994 FRENCH CR
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
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FORM O-140
Revised 06/99

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PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

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 29-6 Unit					Well Number 63A		API Number 30-039-21089	
UL P	Section 30	Township 29N	Range 6W	Feet From The 1080	North/South Line South	Feet From The 1030	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 10/21/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 11/2/98	

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)
County of San Juan) ss.
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 7/15/98
SUBSCRIBED AND SWORN TO before me this 15th day of July, 1999.

My Commission expires: _____

Gillian Armenta
Notary Public

OFFICIAL SEAL
GILLIAN ARMENTA
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
MY COMMISSION EXPIRES 10-2-99

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

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Signature District Supervisor	OCD District	Date
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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 P. 1090' FSL & 890' FEL
Section 33, T29N, R6W

5. Lease Designation and Serial No.

SF-080596

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #57A

9. API Well No.

30-039-21087

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.)*

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

RECEIVED
BLM
DEC 14 PM 1:27
OTD FARMINGTON, NM

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

Signed

Patsy Chupin

Title

Regulatory Assistant

Date

DEPT 5/703 BLM

(This space for Federal or State office use)

Approved by

Title

Date

DEC 24 1993

Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

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

OPERATOR

San Juan 29-6 #57A
SF-080596; Unit P, 1090' FSL & 890' FEL
Section 33, T29N, R6W; Rio Arriba County, New Mexico

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

11/24/98

MIRU Key Energy Rig #40. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper. COOH. RIH w/4 1/2" CIBP & set @ 5050'. Load hole & PT casing to 500 psi for 30 min. – Good test. COOH w/CIBP.

RU Blue Jet & logged well. Ran GR/CCL/CBL from 5550' to surface. RU & perf'd the Lewis Shale interval @ 1spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3909').

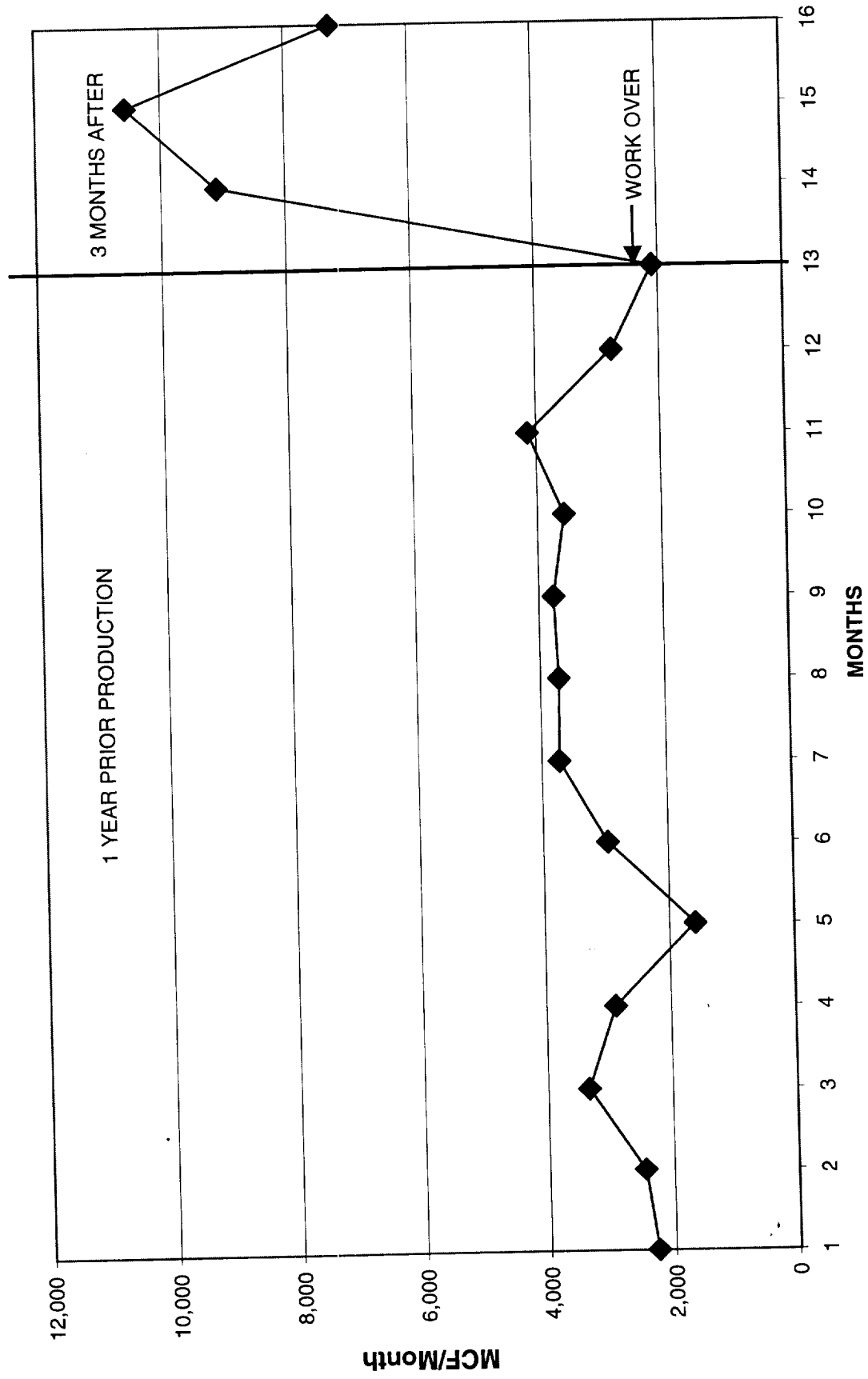
4774' – 4777' (3');	4751' – 4754' (3');	4563' – 4566' (3');	4558' – 4561' (3');
4538' – 4541' (3');	4520' – 4523' (3');	4509' – 4512' (3');	4410' – 4413' (3');
4394' – 4397' (3');	4381' – 4384' (3');	4363' – 4367' (3');	4270' – 4273' (3') 36 Holes

GIH w/4 1/2" packer & set @ 4029'. PT casing annulus & packer to 500 psi – OK. RU to acidize Lewis Shale interval from 4270' – 4777'. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3509'. PT casing annulus to 500 psi – OK. RU to frac Lewis Shale. Pumped 60 Quality X-link N2 foam & 206,520 # of 20/40 Brady sand, 811,000 scf N2, 916 bbls of 30#X-link Gel. ATR – 45 bpm & ATP- 2100 psi. ISDP – 285 psi. Flowed back immediately on two 1/4" choke for approximately 42 hours.

Released & COOH w/packer. RIH w/bit & cleaned out to CIBP @ 5050'. Drilled out. RIH w/bit to PBTD @ 5732'. COOH. RIH w/2-3/8" 4.7# tubing and set tubing @ 5565' with "F" nipple set @ 5532'. ND WH & NU BOPs. PT – OK. Pumped off exp. Check. RD & released rig 12/3/98. Turned well over to production department.

29-6 #57A Workover Production Increase



API #	29-6 #57A	MCF/Month
30-039-21087	1	2,271
	2	2,462
	3	3,342
	4	2,893
	5	1,587
	6	2,972
	7	3,722
	8	3,704
	9	3,768
	10	3,574
	11	4,140
	12	2,770
WORK OVER →	13	2,095
	14	9,107
	15	10,565
	16	7,266