

1043 N. French St  
Kuba, 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 20 1999

I. Operator and Well

Operator name & address Phillips Petroleum 5525 Hwy. 64 Farmington, NM 87401						OGRID Number 3 017654		
Contact Party Patsy Clugston						Phone 505-599-3454		
Property Name San Juan 29-5 Unit				Well Number 37		API Number 30-039-07483		
UL L	Section 31	Township 29N	Range 5W	Feet From The 1750	North/South Line South	Feet From The 1170	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 10/15/98	Previous Producing Pool(s) (Prior to Workover):  Blanco Mesaverde
Date Workover Completed: 10/27/98	

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 7/15/99  
SUBSCRIBED AND SWORN TO before me this 15 day of July, 1999.

My Commission expires: \_\_\_\_\_

Hillian Armenta  
Notary Public

OFFICIAL SEAL  
HILLIAN 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 10/27/98.

Signature District Supervisor <u>35.5</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: \_\_\_\_\_

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-039-07483	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name San Juan 29-5 Unit 009256	
8. Well No. SJ 29-5 Unit #37	
9. Pool name or Wildcat Blanco Mesaverde 72319	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER 017654

2. Name of Operator  
Phillips Petroleum Company

3. Address of Operator  
5525 Highway 64, NBU 3004, Farmington NM 87401

4. Well Location  
Unit Letter L 1800 Feet From The South Line and 990 Feet From The West Line  
Section 31 Township 29N Range 5W NMPM Rio Arriba County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Add pay and stimulate <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Clugston TITLE Regulatory Assistant DATE 10-29-98  
TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**San Juan 29-5 Unit #37**  
**Fee; Unit L, 1800' FSL & 990' FWL**  
**Section 31, T29N, R5W; Rio Arriba County, NM**

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

10/15/98

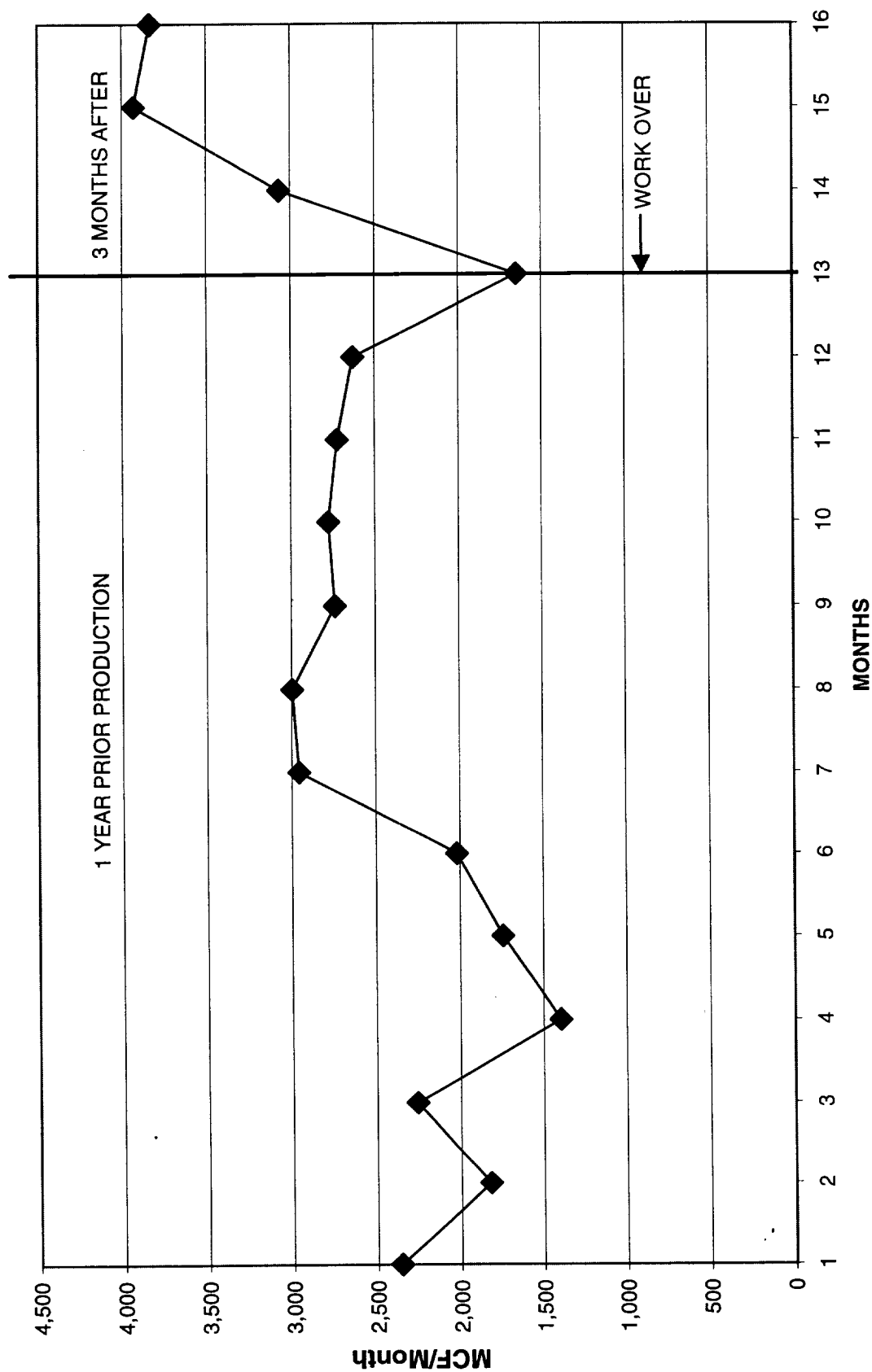
MIRU Big A #29. Killed well. ND WH & NU BOPs. PT – OK. COOH w/1-1/4" tubing (had to fish for approx. 3 days – 100% recovery). RIH w/5-1/2" CIBP & set @ 5000'. PT CIBP, casing and rams to 500 psi – 30 min. Good test. POOH. RU Blue Jet & ran GR, CCL & CBL under pressure from 4995' to surface. TOC – 3800'. Perf'd Lewis Shale interval @ 1 spf except were noted (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4320').

4825' – 4828' (3');	4795' – 4798' (3');	4784' – 4787' (3');
4777' – 4780' (3' @ 2 spf);	4763' – 4766' (3' @ 2 spf);	4756' – 4759' (3');
4739' – 4742' (3');	4713' – 4716' (3');	<b>Total 30 holes</b>

GIH w/5 1/2" FBP & set @ 4525'. PT. RU BJ to acidize Lewis Shale. Pumped 1000 gal of 15% HCL & ballsealers. Knocked balls off & COOH w/packer. RIH & set 5 1/2" packer @ 4510'. RU to frac Lewis Shale. Pumped 66,138 gal of 60 Qualtiy N2 foam consisting of 30# X-link gel & 806,000 scf of N2 gas. Pumped a 4200 gal foam pad followed by 200,440 # 20/40 Brady sand. ATR – 40 bpm and ATP – 3300 psi. ISDP 400 psi. Flowed back immediately on 1/4" choke for approx. 35 1/2 hours.

Released packer and COOH. RIH w/2-3/8" 4.7# tubing, cleaned out to CIBP @ 5000'. Landed tubing @ 4807' with "F" nipple set @ 4774'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 10/27/98. Turned well over to production department.

# 29-5 #37 Workover Production Increase



API #	29-5 #37	MCF/Month
30-039-07483	1	2,358
	2	1,822
	3	2,260
	4	1,397
	5	1,744
	6	2,018
	7	2,956
	8	2,996
	9	2,739
	10	2,777
	11	2,724
	12	2,630
WORK OVER	13	1,650
	14	3,068
	15	3,930
	16	3,835