

COPIES OF FORMS:
 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 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 70A		API Number 30-039-21263	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
E	29	29N	6W	1490	North	850	West	Rio Arriba

II. Workover

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

- 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 _____
 SUBSCRIBED AND SWORN TO before me this _____ 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:

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 11/11/98.

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: _____

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-03040-A

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 #70A

9. API Well No.

30-039-21263

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 E, 1490' FNL & 850' FWL
SECTION 29, T29N, R6W

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.)*

See attached for the procedure used to add additional perms and stimulate in the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

RECEIVED
BLM
98 NOV 23 PM 1:47
070 FARMINGTON, NM

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

Signed *Fabry Cluystor* Title Regulatory Assistant Date 11/17/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ACCEPTED RECORD

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.

DEC 17 1998

* See Instruction on Reverse Side

OPERATOR

FARMINGTON DISTRICT OFFICE

Sm

**San Juan 29-6 Unit #70A
NM-03040-A; Unit E, 1490' FNL & 850' FWL
Section 29, T29N, R6W; Rio Arriba County, NM**

**Procedure used perf additional Mesaverde perms and acidize and then
add pay & stimulate the Lewis Shale interval in the existing Mesaverde formation.**

11/2/98

MIRU Big A #40. ND WH & NU BOPs. COOH w/2-3/8" tubing. RU Blue Jet WL & set CIBP @ 5480'. Perf'd Mesaverde intervals Menefee @ 1spf (.31") Dia. 120 degree phased holes as follows:

5468', 5426', 5413', 5412', 5391', 5388', 5365', 5364', 5333', 5323', 5321', 5301',
5283', 5262', 5256', 5240', 5238', 5225', 5211' **Total 19 holes.**

RIH w/FBPkr & set @ 4915'. PT casing and Pkr to 500 psi, 30 min. OK. RU to acidize Menefee perms with 1260 gal of 15% HCL & ballsealers. Surged balls off. COOH w/packer. RIH w/RBP & set @ 4900'. PT RBP - OK. RU BlueJet & ran GR,CCL,CBL log from 4900' to surface. Good cement bond across all zones of interest. RU to perforate Lewis Shale @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3820').

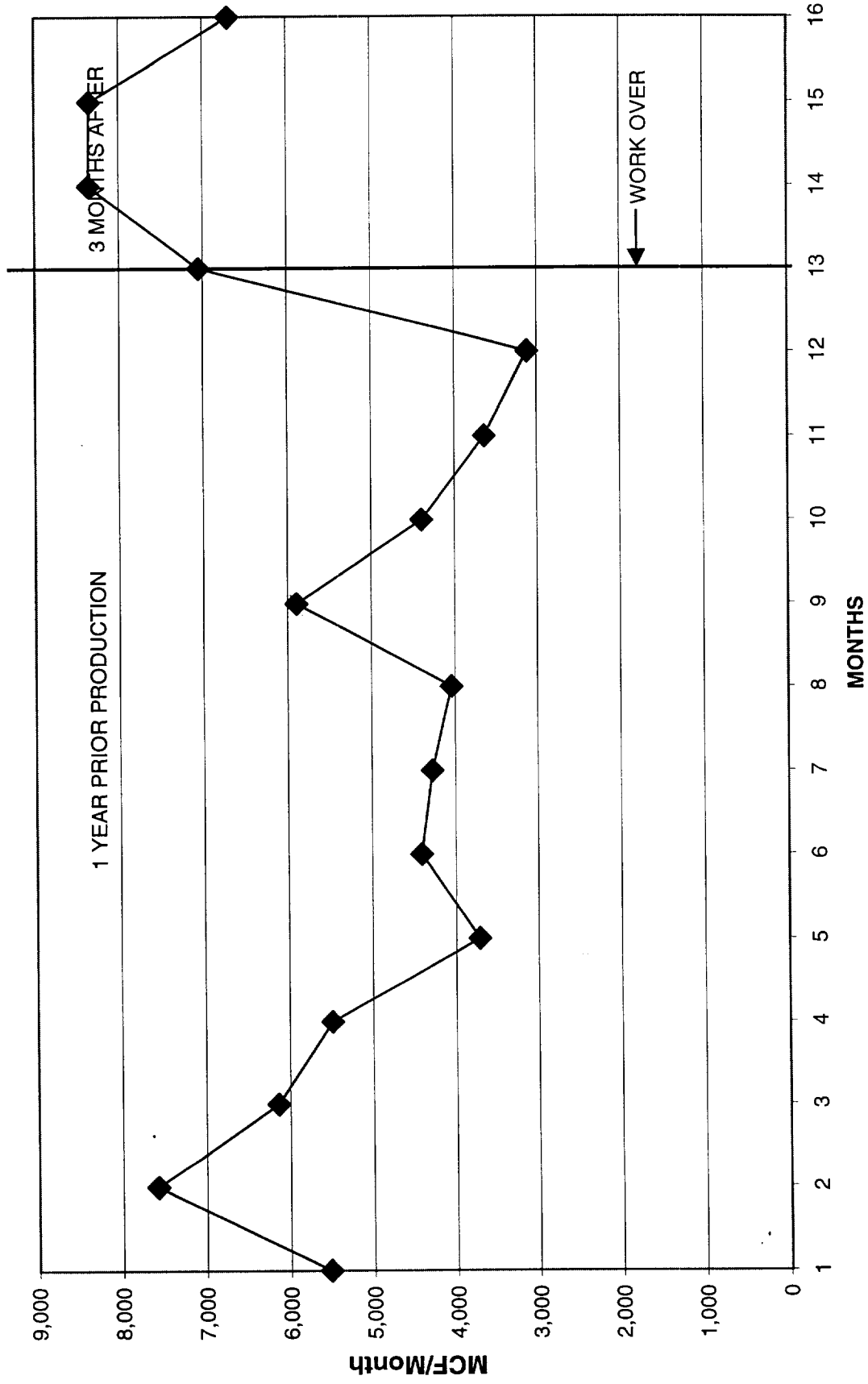
4642' - 4645' (3');	4593' - 4596' (3');	4550' - 4553' (3');	4510' - 4513' (3');
4481' - 4484' (3');	4464' - 4467' (3');	4394' - 4397' (3');	4366' - 4369' (3');
4341' - 4344' (3');	4335' - 4338' (3');	4316' - 4319' (3');	4308' - 4311' (3'); 36 Holes

GIH w/4 1/2" packer & set @ 4092'. PT casing annulus & packer to 500 psi - OK. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer & set @ 3515' (inside 4-1/2" liner). PT - OK. RU to frac Lewis Shale. Pumped 60 Quality X-link N2 foam & 199,960 # of 20/40 Brady sand. 864,000 scf N2, total of 918 bbls liquid, 30# gel base, 100 bbl pad. ATP - 2300 psi and ATR - 22 bpm. ISIP - 580 psi. Flowed back on 2 (1/4") choke for approximately 43 hrs.

Released packer and COOH. RIH & cleaned out to RBP @ 4900'. Released RBP & COOH. RIH & tagged CIBP @ 5480'. Drilled out CIPB. COOH. RIH w/ 2-3/8" 4.7# J-55 tubing, & CO to PBSD @ 5680'. Landed tubing @ 5595' with "F" nipple set @ 5562'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 11/11/98. Turned well over to production department.

29-6 #70A Workover Production Increase



API #	29-6 #70A	MCF/Month
30-039-21263	1	5,518
	2	7,584
	3	6,138
	4	5,488
	5	3,717
	6	4,412
	7	4,280
	8	4,044
	9	5,894
	10	4,399
	11	3,638
	12	3,120
WORK OVER →	13	7,053
	14	8,359
	15	8,349
	16	6,698