

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

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

FORM C-14
Revised 06/95

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 30-5 Unit					Well Number 70		API Number 30-039-22462	
UL A	Section 9	Township 30N	Range 5W	Feet From The 790	North/South Line North	Feet From The 790	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 9/29/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde and Basin Dakota
Date Workover Completed: 11/10/98	

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)

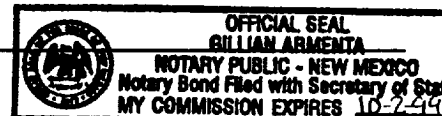
Patsy Clugston, being first duly sworn, upon oath states:

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.

William Armenta
Notary Public

My Commission expires: _____



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 11/10/98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>8/12/99</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 A, 790' FNL & 790' FEL
Section 9, T30N, R5W

5. Lease Designation and Serial No.

SF-078997

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 30-5 Unit

8. Well Name and No.

SJ 30-5 Unit #70

9. API Well No.

30-039-22462

10. Field and Pool, or exploratory Area

Basin Dakota and
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 Commingle notification
☐ 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.)*

Please note that on November 23, 1998, the subject well was put back on line after adding Mesaverde pay to the existing Dakota zone and production from both the Mesaverde and Dakota zones are now commingled.

98 DEC 23 PM 12:52
RECEIVED
BLM
OTD FARMINGTON, NM

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

Signed

Taisy Clayton

Title

Regulatory Assistant

DATE RECEIVED FOR REC

(This space for Federal or State office use)

Approved by

Title

Date

JAN 27 1999

Conditions of approval, if any:

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 statement or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

OPERATOR

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

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and Basin Dakota

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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Attached are the details of the procedure used to add Mesaverde pay to the existing Dakota well. Plans are to flow the Mesaverde until pressures stabilize. Then the production from both the Dakota and Mesaverde intervals will be commingled. A subsequent sundry will be submitted to advise the date actual commingling occurs.

ACCEPTED FOR RECORD

NOV 18 1998

FARMINGTON DISTRICT OFFICE

070 FARMINGTON, NM

98 NOV 18 PM 1:12

RECEIVED
BLM

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

Signed

Felipe Elizalde

Title

Regulatory Assistant

Date

11/17/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

San Juan 30-5 #70
SF-078997; API # 30-039-22462
Unit A, 790' FNL & 790' FEL,
Section 9, T30N, R5W, Rio Arriba County, NM

Procedure used to add the Mesaverde intervals to the existing Dakota well. Production from both zones will be commingled once pressures stabilize.

9/23/98

MIRU Big A #18. Kill well. ND WH & NU BOPs. PT – OK. COOH w/249 jts of 2-3/8" tubing. RIH w/bit & scraper & ran to 7803'. COOH. RIH w/4-1/2" CIPB & set 7650'. Load casing & PT casing to 500# for 30 min. Good test. COOH. ND BOP & NU to Frac. RD & released rig for rigless completion.

9/29/98

Ran GR-CCL-CBL log from 7650' to 2850'. TOC – 3100'. RU to perf Mesaverde interval (.31" dia 120 deg. phased holes) as follows:

5725', 5722', 5711', 5704', 5700', 5691', 5688', 5671', 5665', 5640', 5638', 5635', 5633', 5614', 5607', 5604', 5588', 5556', 5542', 5523', 5521', 5453', 5451', 5443', 5441', 5417', 5410' Total 27 holes

RU to acidize. Pumped 1500 gals 15% HCL & ballsealers. RU to frac. Frac'd Mesaverde interval (5410' – 5725'). Pumped 102,000 gal 60 Quality N₂ 30# X-link Borate foam w/208,420 # 20/40 Brady Sand. Total N₂ – 1,148,000 scf, Total fluid to recover 945 bbls. ATP – 2550 psi, ATR – 55 bpm. ISIP – 850 psi. Flowed back on 1/4" choke for 28 hours.

RIH w/junk basket to 5400'. RIH w/4-1/2" CIBP & set @ 5300'. PT – OK. GIH & perforated Lewis Shale interval @ 1 spf (.38") 120 degree phased holes as follows: (Hurefnaito Bentonite not present, equivalent stratigraphic depth is 3920').

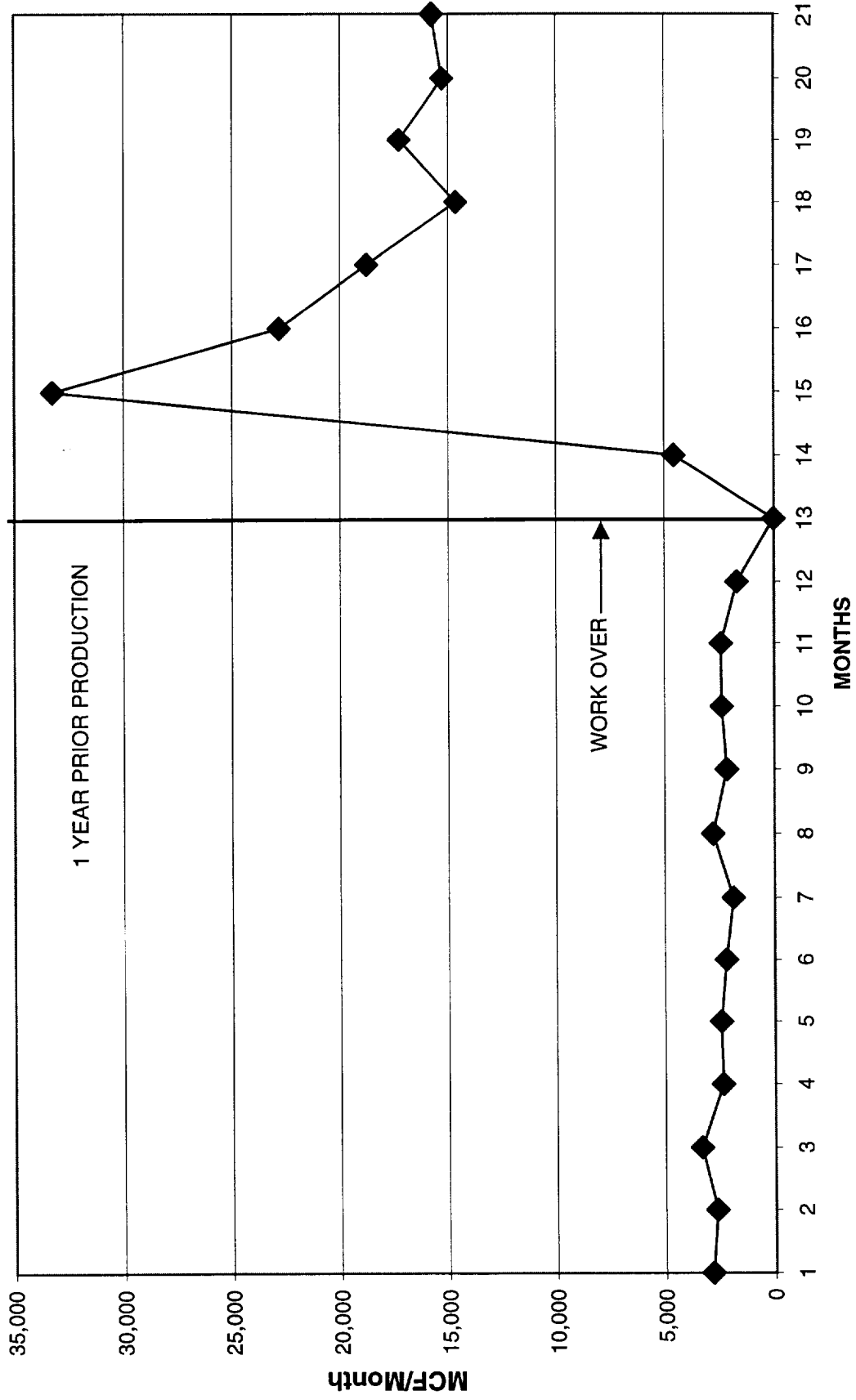
4686' – 4689' (3');	4625' – 4628' (3');	4569' – 4572' (3');	4561' – 4564' (3')'
4517' – 4520' (3');	4502' – 4505' (3');	4494' – 4497' (3');	4386' – 4389' (3');
4377' – 4380' (3');	4278' – 4281' (3');	4266' – 4269' (3');	4246' – 4249' (3'); 36 Holes

RU to acidize Lewis Shale. Pumped 1500 gal 15 % HCl acid & ballsealers. RIH w/junk basket and recovered balls. RU to frac. Pumped 69,920 gals 60 quality N₂ 30# x-link borate foam w/201,060 # 20/40 Brady Sand. Total N₂ – 793,000 scf, total fluid to recover 755 bbls. ATP – 2400 psi, ATR – 45 bpm. ISIP- 600 psi. Flowed back on 2 (1/4") chokes for approx. 26 hrs. Shut down operation, will to complete later.

11/4/98

MIRU Big A #18. NU BOP. PT – OK. GIH w/bit & tagged sand. CO 115' sand & drilled out CIPB @ 5300'. RIH to C/O 90' of fill above CIBP @ 7650', Drilled out CIBP @ 7650'. Cleaned out to 7792' (PBTD). RIH w/2-3/8", 4.7# J-55 and N-80 tubing and set @ 7757' with "F" nipple set @ 7724'. ND BOP & NU WH. Pumped off check. RD & MO 11/10/98. Turned well over to production department.

30-5 #70 Workover Production Increase



API #	30-5 #70	MCF/Month
30-039-22462	Oct-97	2,851
	Nov-97	2,654
	Dec-97	3,344
	Jan-98	2,366
	Feb-98	2,441
	Mar-98	2,196
	Apr-98	1,873
	May-98	2,800
	Jun-98	2,163
	Jul-98	2,384
	Aug-98	2,411
	Sep-98	1,682
WORK OVER →	Oct-98	0
	Nov-98	4,566
	Dec-98	33,246
	Jan-99	22,826
	Feb-99	18,771
	Mar-99	14,649
	Apr-99	17,277
	May-99	15,284
	Jun-99	15,768