

1625 N. French Dr  
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

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 29-5 Unit						Well Number 18A		
API Number 30-039-21337								
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
F	5	29N	5W	1810'	North	1850'	West	Rio Arriba

II. Workover

Date Workover Commenced: 7/24/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 8/3/98	

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 7/1/99  
SUBSCRIBED AND SWORN TO before me this 1st day of July, 1999

Nancy 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 8/3/98.

Signature District Supervisor <u>SS. S</u>	OCD District <u>3</u>	Date <u>8/4/99</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, 1810' FNL & 1850' FWL  
Section 5, T29N, R5W

5. Lease Designation and Serial No.

SF-078343

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 #18A

9. API Well No.

30-039-21337

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 in the existing Mesaverde formation.

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

Signed

Title

Regulatory Assistant

Date

8/4/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 14 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.

FARMINGTON DISTRICT OFFICE

\* See Instruction on Reverse Side

OPERATOR

**San Juan 29-6 Unit #18A**  
**SF-078343; Unit F, 1810' FNL 7 1850' FWL**  
**Section 5, T29N, R6W; Rio Arriba County, NM**

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

7/24/98

MIRU Big A #53. Killed well. ND WH & NU BOPs. Cleaned out fill from 5720' to 5740' (PBTD). COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 6040' (cleaned out 20' fill). RIH & set CIBP @ 5400'. Load hole and pressure test CIBP, casing & rams to 500 psi - 30 min. Held OK. RIH to log well. Good cement across all zones of interest. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4104').

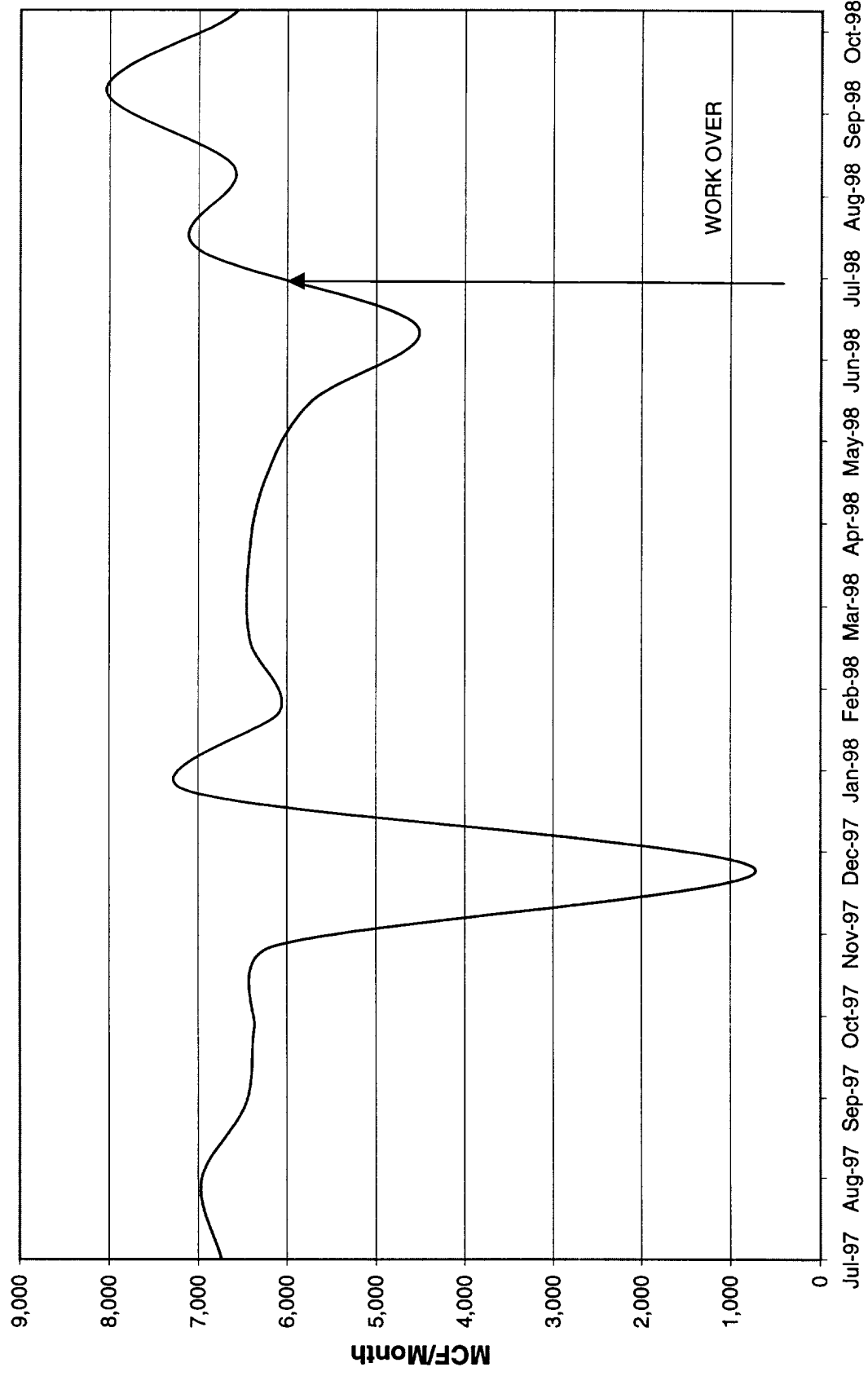
5003' - 5006' (3');	4950' - 4953' (3');	4928' - 4931' (3');	4905' - 4908' (3');;
4888' - 4891' (3');;	4819' - 4822' (3');;	4778' - 4781' (3');;	4761' - 4764' (3');;
4747' - 4750' (3');;	4674' - 4677' (3');;	4524' - 4527' (3');;	4496' - 4699' (3');; Total 36 holes

GIH w/4 1/2" packer 4308' 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 inside the liner top @ 3922'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 37,464 gal of 30# X-link gel & 903,200 scf of N2 gas. Pumped 201,700 # 20/40 Brady sand. Flushed w/68 bbls of frac fluid. ISIP 500 psi. ATR - 45 bpm and ATP - 2850 psi. Flowed back on 1/4" choke for approx. 35 1/2 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5400'. Drilled out & circulated bottoms up. RIH w/2-3/8" 4.7# tubing and cleaned out to 6040'. Land tubing @ 5897' with "F" nipple @ 5865'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 8/3/98. Turned well over to production department.

## 29-5 #18a Workover Production Increase



M2Y67-01

## PARPI - WELLZONE PRODUCTION BROWSE

Date: 7/01/99

## MONTHLY TOTALS

User: HEBACA

Wellzone F0211 01 Yr: 1997 Mth: 07 Property: 650111 SAN JUAN 29-5 MESA V

Screen: 1 (1-Prod, 2-Inj, 3-Both)

Well No: 000018A

Type: T (T-Total, D-Daily Avg)

Field: 0707 BLANCO

Period: M (M-Monthly, Y-Yearly, C-Cumm)

Field: 0797 BLANCO  
Reserv: 20002 MESAVARDE

ADJ		PRODUCED			DAYS		WELL			
FLG	DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY	
	1997-07	0.74	6,740	19	31.00	31	11	03	2	
	1997-08	2.20	6,963	29	31.00	31	11	03	2	
	1997-09	0.00	6,460	10	30.00	30	11	03	2	
*	1997-10	0.00	6,367	20	31.00	31	11	03	2	
*	1997-11	0.73	6,177	24	30.00	30	11	03	2	
*	1997-12	5.88	722	0	31.00	31	11	03	2	
*	1998-01	0.18	7,125	33	31.00	31	11	03	2	
*	1998-02	0.00	6,081	40	28.00	28	11	03	2	
*	1998-03	2.94	6,417	40	31.00	31	11	03	2	
	1998-04	0.73	6,434	0	30.00	30	11	03	2	
*	1998-05	0.00	6,262	26	31.00	31	11	03	2	
	1998-06	0.74	5,748	0	30.00	30	11	03	2	

PA1=ICE

PF1=Help

PF3=End

PF5:=INITIAL CUM

PF10=Next Well

PF7=Backward

PF8=Forward

PF11=Prev Well

M2Y67-01

PARPI - WELLZONE PRODUCTION BROWSE

Date: 7/01/99

## MONTHLY TOTALS

User: HEBACA

Wellzone F0211 01 Yr: 1998 Mth: 07 Property: 650111 SAN JUAN 29-5 MESA V  
 Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000018A  
 Type: T (T-Total, D-Daily Avg) Field: 0707 BLANCO  
 Period: M (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20002 MESAVERDE

ADJ	FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
	* 1998-07	0.04	4,543	36	24.00	24	11	03	2
	* 1998-08	0.00	7,041	50	28.00	28	11	03	2
	* 1998-09	0.74	6,598	15	30.00	30	11	03	2
	* 1998-10	0.73	8,040	22	31.00	31	11	03	2
	* 1998-11	0.00	6,558	20	30.00	30	11	03	2
	* 1998-12	2.20	6,068	18	31.00	31	11	03	2
	* 1999-01	2.94	6,279	24	31.00	31	11	03	2
	* 1999-02	1.47	5,485	20	28.00	28	11	03	2
	1999-03	2.20	5,864	0	31.00	31	11	03	2
	* 1999-04	0.74	5,593	27	30.00	30	11	03	2
	1999-05	0.73	5,441	0	31.00	31	11	03	2

NO MORE DATA AVAILABLE

PA1=ICE

PF1=Help

PF3=End

PF5=INITIAL CUM

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PF7=Backward

PF8=Forward

PF11=Prev Well