

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

RECEIVED
 JUN 30 1999
 OIL CON. DIV.
 DIST. 3

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 29-6 Unit					Well Number #31A	API Number 30-039-21421		
UL C	Section 10	Township 29N	Range 6W	Feet From The 990	North/South Line North	Feet From The 1840	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 7/9/98	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 7/16/98	

- 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 6/30/99
 SUBSCRIBED AND SWORN TO before me this 30 day of June, 1999.

Gillian Armenta
 Notary Public

My Commission expires: 10-2-99

OFFICIAL SEAL
 GILLIAN ARMENTA
 NOTARY PUBLIC - NEW MEXICO
 Notary Bond Filed with Secretary of State
 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 7/16/99.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>7/16/99</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.

SF-078278

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 #31A

9. API Well No.

30-039-21421

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 C, 990' FNL 7 1840' FWL
Section 10, T29N, R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Add pay and stimulate</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.

CONTROLLED DOCUMENT
 10/20/98

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

Signature Falvey Chugster Title Regulatory Assistant Date 7/20/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 13 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 #31A
SF-078278; Unit C, 990' FNL & 1840' FWL
Section 10, T29N, R6W; Rio Arriba County, NM

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

7/09/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 5650'. COOH. RIH w/4 1/2" CIBP & set @ 5200'. RIH to log well. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3870').

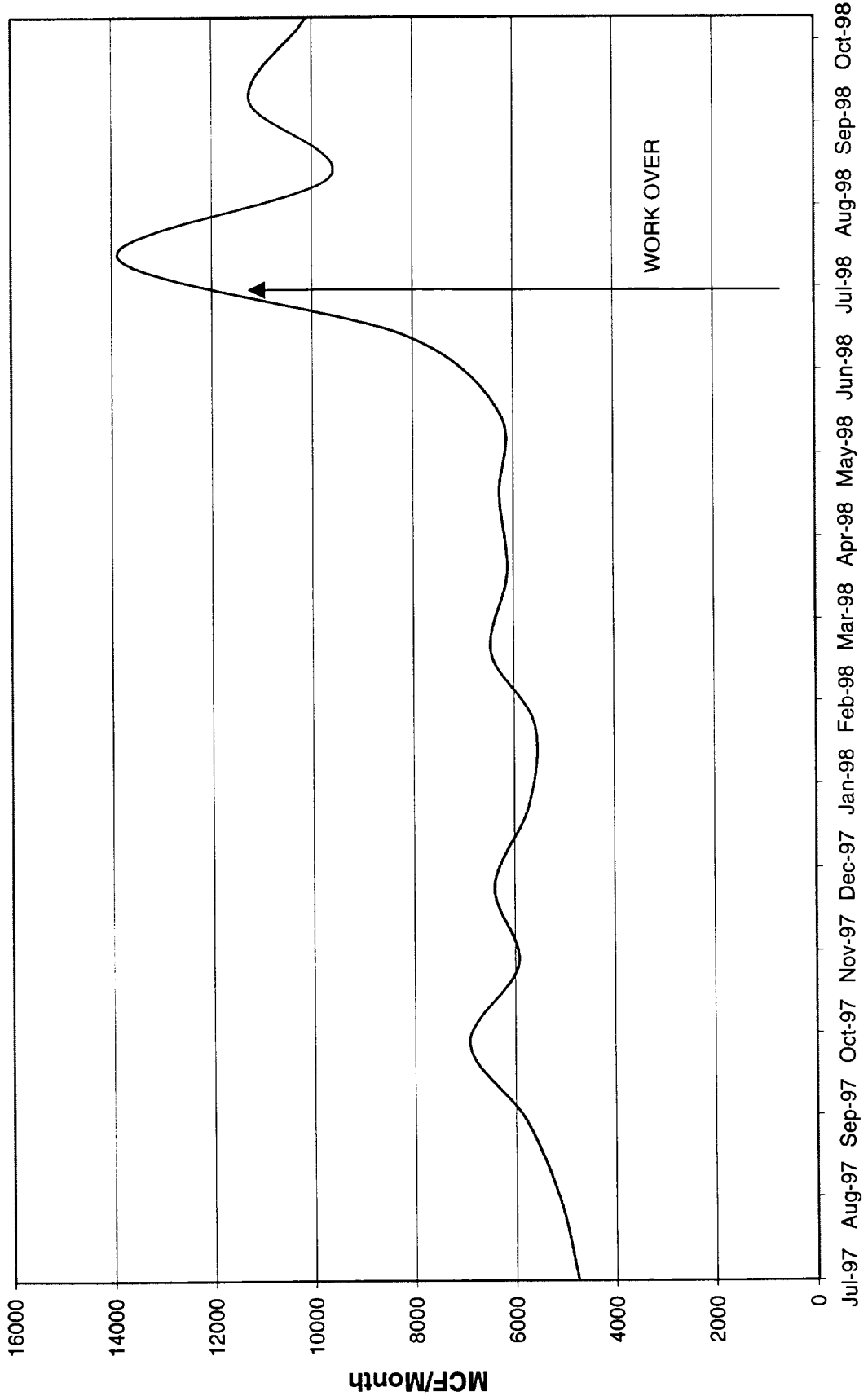
4804' - 4807' (3');	4734' - 4737' (3');	4695' - 4698' (3');	4655' - 4658' (3');;	
4638' - 4641' (3');;	4617' - 4620' (3');;	4545' - 4548' (3');;	4526' - 4529' (3');;	
4505' - 4508' (3');;	4489' - 4492' (3');;	4267' - 4270' (3');;	4245' - 4248' (3');;	36 Holes

GIH w/4 1/2" packer & set @ 4038'. 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 @ 3683'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 69,068 gal of 60 Quality N2 foam consisting of 28,854 gal of 30# X-link gel & 871,000 scf of N2 gal. Pumped 200,000 # 20/40 Brady sand. Flushed with 63 bbls of 2% KCl. ISDP - 630 psi. ATR - 45 bpm and ATP 2700 psi. Flowed back on 1/4" choke for @ 44 hours.

Released packer and COOH. RIH & cleaned out to CIBP @ 5200'. Drilled out CIBP and circulated bottoms up. COOH. RIH w/2-3/8" 4.7# tubing and cleaned out to 5793 (PBTD). Land tubing @ 5712' w/ "F" nipple set @ 5682'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/16/98. Turned well over to production department.

29-6 #31A Workover Production Increase



DWIGHTS ENERGYDATA, INC.
 SAN JUAN 29 6 UNIT
 PHILLIPS PETROLEUM CO NW

RUN DATE: 06/30/99
 DATA CURRENT THRU: 12/31/98
 (#251,039,29N06W10C00MV,S,S)

*** MONTHLY PRODUCTION ***

DATE	GAS/MCF	COND/BBL	WTR/BBL	DAYS ON	FLOW	LIFT
01/97	3719	16		31		1
02/97	4008	15		28		1
03/97	4739	20		31		1
04/97	4599	21		30		1
05/97	3774			31		1
06/97	3933	9		30		1
07/97	4761	28		26		1
08/97	5126	23		31		1
09/97	5794	26		30		1
10/97	6916	28	31	31		1
11/97	5928	17	30	30		1
12/97	6407	9	22	31		1
ANNUAL-97	59704	212	83	360		1

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 SAN JUAN 29 6 UNIT
 PHILLIPS PETROLEUM CO NW

RUN DATE: 06/30/99
 DATA CURRENT THRU: 12/31/98
 (#251,039,29N06W10C00MV,S,S)

*** MONTHLY PRODUCTION ***

DATE	GAS/MCF	COND/BBL	WTR/BBL	DAYS ON	FLOW	LIFT
01/98	5704	8		31		1
02/98	5590	15	27	28		1
03/98	6456	1	15	31		1
04/98	6127	33		30		1
05/98	6281	26	20	31		1
06/98	6266	32		30		1
07/98	8134	17	25	25		1
08/98	13878	34	75	31		1
09/98	9636	23	31	30		1
10/98	11254	12		31		1
11/98	10116	17	70	30		1
12/98	10863	12		31		1
YTD-98	100305	230	263	359		1

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