

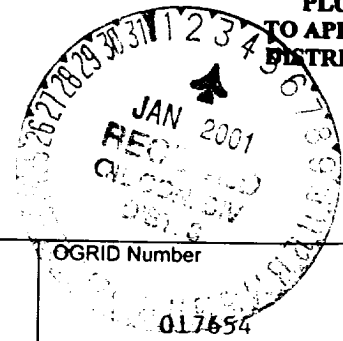
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1600 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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

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 017854	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-5 Unit					Well Number 4		API Number 30-039-07696	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
L	6	29N	5W	1650'	south	990'	west	Rio Arriba

II. Workover

Date Workover Commenced: 1/11/00	Previous Producing Pool(s) (Prior to Workover): Mesaverde
Date Workover Completed: 2/1/00	

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 Sr. Regulatory Clerk Date 12-29-00
SUBSCRIBED AND SWORN TO before me this 29th day of December 2000

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 2/1/00.

Signature District Supervisor <u>353</u>	OCD District <u>3</u>	Date <u>2/17/01</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

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 L, 1650' FSL & 990' FWL
Section 6, T29N, R5W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078305

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 #4

9. API Well No.

30-039-07696

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 & 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 drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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

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

Signed

Patsy Clugston

Title Sr. Regulatory/Proration Clerk

Date 2/7/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR 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 statement or representations as to any matter within its jurisdiction.

EB 1 2000

* See Instruction on Reverse Side

OPERATOR

FARMINGTON FIELD OFFICE
BY *JML*

San Juan 29-5 Unit #4
SF-078305; Unit L, 1650' FSL & 990' FWL
Section 6, T29N, R6W; Rio Arriba County, NM

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

1/11/00

MIRU Big A # 29. Killed well. ND WH & NU BOPs. PT - OK. COOH w/1" tubing. RIH w/bit & scraper & tagged up @ 5930'. COOH. RIH w/7" "G" RBP & 7" RP & set @ 5708'. RU BJ to acidize all MV zones. Pumped 4000 gal 15% HCL. . Unset packer & retrieve RBP & COOH. RIH w/7" CIBP & set @ 5200'. Load hole w/150 bbls 2% KCL & PT plug & casing to 550 psi. Held 30 minutes. OK. POOH. RU Blue Jet & ran GR/CCL & CBL from 5200' to surface. TOC @ 5050'. RU & perforated 4 squeeze holes @ 4289'. Casing on vacuum. Load casing w/50 bbls 2% KCl & established injection rate. RIH w/7" cement retainer & set @ 4241'. RU BJ to cement. Mixed and pumped 185 sx Cl H cement (first 85 sx containing fluid loss and the last 100 sx containing 2% CaCl2. Displaced cement to retainer. Maintained good circulation throughout cement job. Stung out of retainer & reversed out 10 sx of good cement to surface. POOH. WOC.

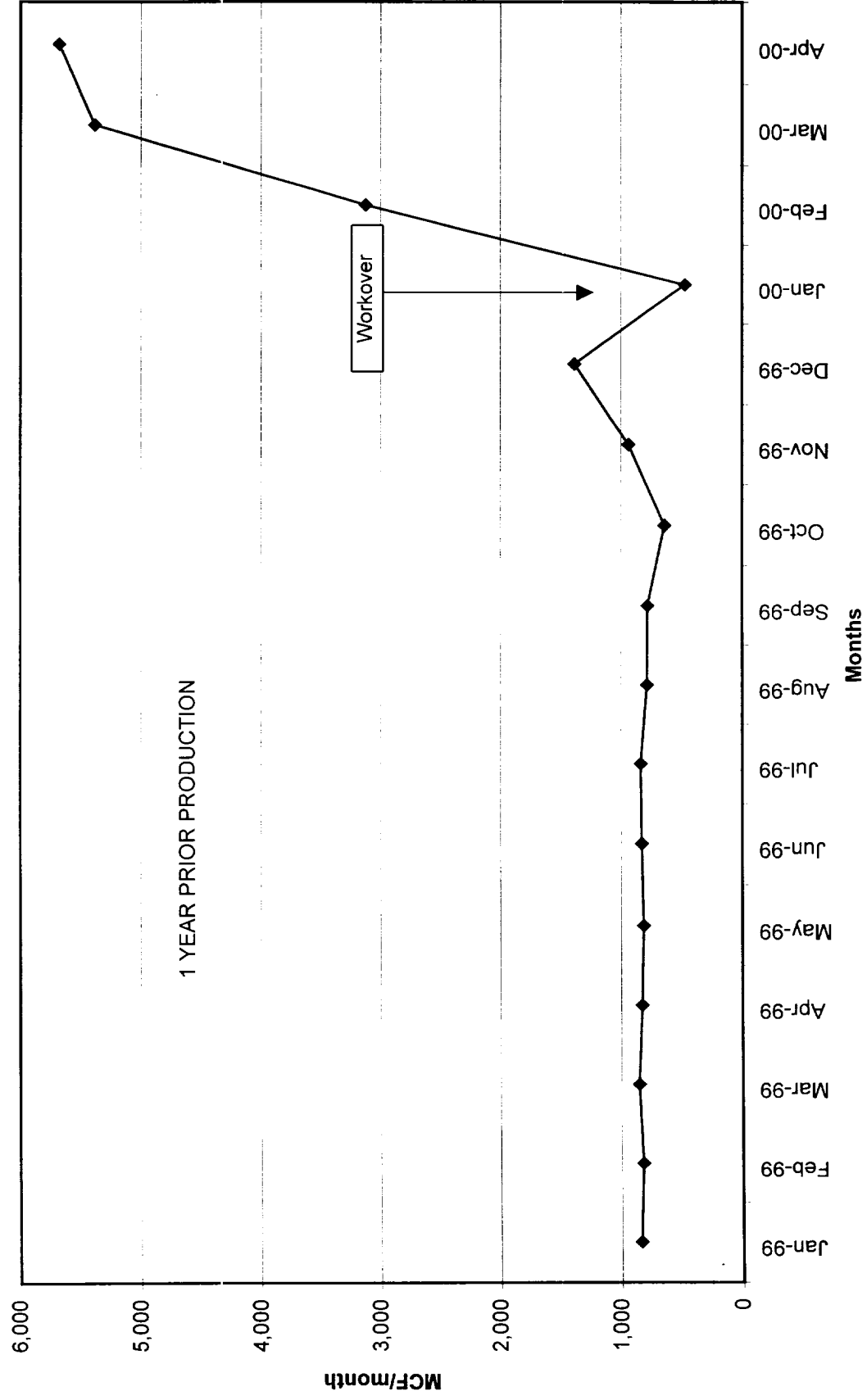
RIH w/bit & tagged cement retainer @ 4241'. Drilled out cement retainer & hard cement from 4244' - 4285'. Circ. hole clean. PT squeeze holes to 500 psi. Held good. Continue in hole & tagged CIBP W 5200'. POOH. RU Blue Jet & perforated Lewis @ 1 spf @ .38" holes as follows:

4864' - 4866' (3'); 4690' - 4692' (3'); 4548' - 4550' (3');	4842' - 4844' (3'); 4627' - 4629' (3'); 4335' - 4337' (3');	4813' - 4815' (3'); 4576' - 4578' (3'); 4298' - 4300' (3');	4711' - 4713' (3'); 4562' - 4564' (3'); 4289' - 4291' (3'); 36 Total Holes
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RIH & set packer @ 4116'. RU BJ to acidize perfs. Pumped 1000 gal 15% HCL & ballsealers. Unset FBP & knocked balls off. RIH w/packer @ 4061'. PT - Ok. RU to Frac. Pumped 71,467 gal of 60 Quality N2 foam consisting of 28,728 gal 30# X-link gel & 894,000 scf N2. Pumped a 4200 gal foam pad followed by 67,267 gal of foam containing 201,040 # 20/40 Brady sand. Flushed w/2961 gal 2% KCL. ITR - 45 bpm, ATP - 2410 psi. ISDP - 512 psi. Flowed back on 1/4" and 1/2" chokes for approx. 31 hours.

RD flowback equipment. Unset FBP @ 4061'. POOH. RIH w/bit & tagged fill @ 5045'. Cleaned out fill 5200'. Drilled out 7" CIBP @ 5200'. Circulated hole clean to 5940' (PBTD). COOH. RIH w/1-1/2" 2.9# J-55 tubing and set @ 5700' with "F" nipple set @ 5666'. ND BOP & NU WH. Pumped off check. RD & released rig 2/1/00. Turned well over to production department and returned to production.

29-5 #4 Workover Production Increase



API #	29-5 #4	cf/Mont
30-039-07696	Jan-99	839
	Feb-99	820
	Mar-99	854
	Apr-99	827
	May-99	814
	Jun-99	829
	Jul-99	838
	Aug-99	787
	Sep-99	781
	Oct-99	642
	Nov-99	938
	Dec-99	1,385
	Jan-00	472
	Feb-00	3,122
	Mar-00	5,383
	Apr-00	5,682