

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

Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

RECEIVED
JUL - 1 1999

I. Operator and Well

Operator name & address Phillips Petroleum 5525 Hwy. 64 Farmington, NM 87401								017654	
Contact Party Patsy Clugston								Phone 505-599-3454	
Property Name San Juan 29-5 Unit						Well Number 41		API Number 30-039-07506	
UL A	Section 31	Township 29N	Range 5 W	Feet From The 990	North/South Line North	Feet From The 1090	East/West Line East	County Rio Arriba	

II. Workover

Date Workover Commenced: 8/7/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 8/15/98	

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)
County of San Juan) ss.
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.

My Commission expires: 10-8-2001

Notary Public Nancy J Brown
In State of New Mexico

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 8/15/98.

Signature District Supervisor <u>Gavin Burch</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

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)

990' FNL & 1090' FEL
Section 31, T29N, R5W

5. Lease Designation and Serial No.

SF-078282

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 #41

9. API Well No.

30-039-07506

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.

RECEIVED
BLM
98 AUG 20 PM 12:55
070 FARMINGTON, NM

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

Signed Philip Chagrin Title Regulatory Assistant

Date 8/13/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 27 1998

Under 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 29-5 Unit #41
SF-078282; 990' FNL & 1090' FEL
Section 31, T29N, R5W; Rio Arriba County, NM

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

8/7/98

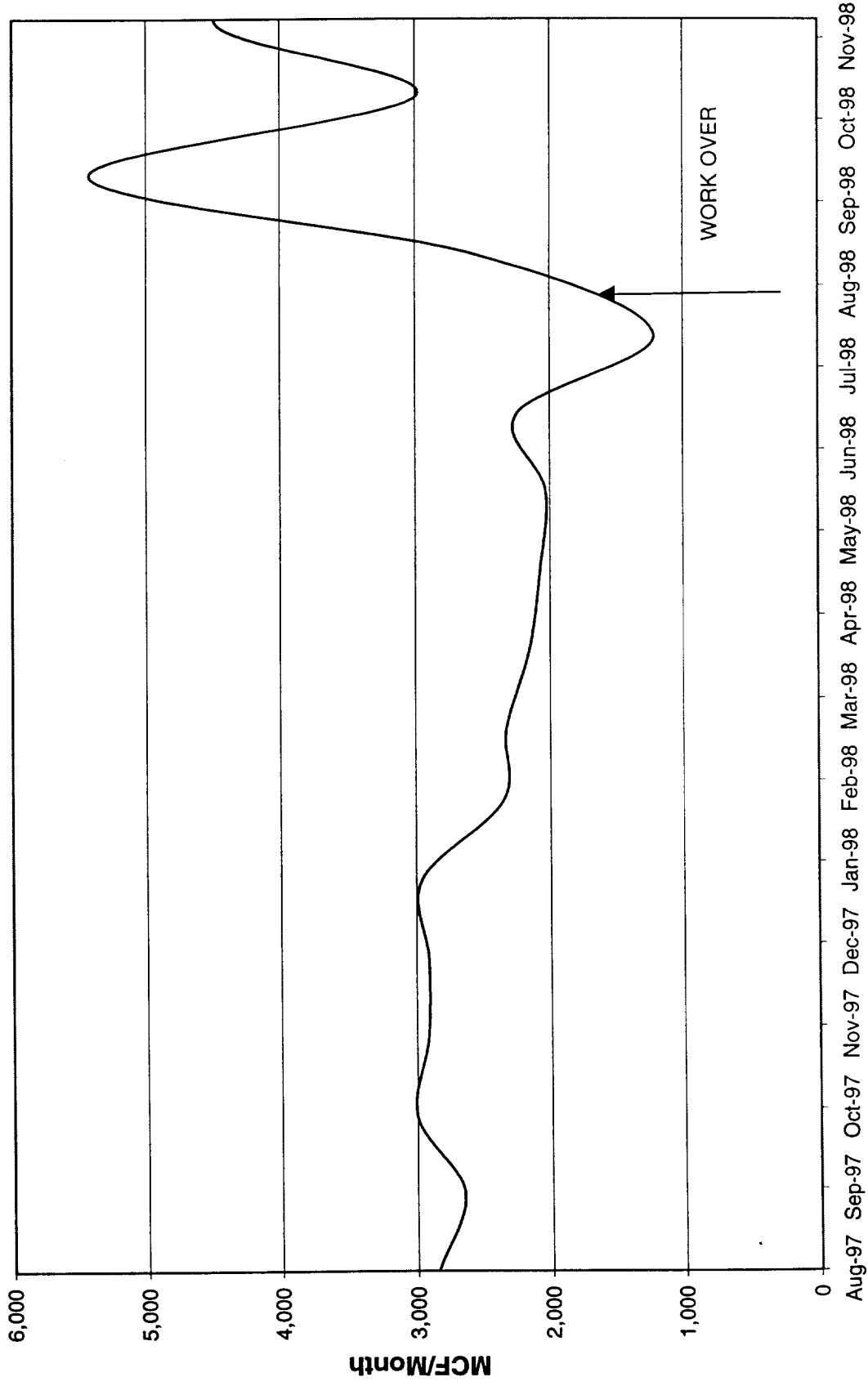
MIRU Big A #40. Killed well. ND WH & NU BOPs. COOH w/1-1/4" tubing. (Had to fish for 2 days). 1.8 jts left in hole – top of fish @ 5683'. RIH & set Model "G" Lockset RBP @ 5100'. Load hole & PT RBP & casing to 500 psi – OK. Dumped bail 5 gal wet sand on top. Ran GR-CCL, CBL & log form 5087' – 3506' (liner top). Good bond to top of liner @ 4450'. Logged from 3508' – surface. TOC @ 650'. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfano Bentonite not present, equivalent stratigraphic depth is 3667').

5034' – 5037' (3');	5020' – 5023' (3');	4989' – 4922' (3');	4961' – 4964' (3');
4922' – 4925' (3');	4878' – 4881' (3');	4829' – 4832' (3');	4813' – 4816' (3');
4794' – 4797' (3');	4750' – 4753' (3');	4735' – 4738' (3');	4696' – 4699' (3');

GIH w/5-1/2" packer and set @ 4508'. PT to 500 psi – OK. PU to acidize Lewis Shale. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off and COOH w/packer. RIH & set 5-1/2" packer @ 3542'. RU to frac. Pumped 66,600 gal 60 Quality N2 35# X-link borate foam w/199,600 # 20/40 Brady Sand. Total N2 – 777,000 scf. Total fluid to recover 694 bbls. ATP – 2450 psi; ATR – 45 bpm. ISIP – 700 psi. Flowed back immediately on 1/4" chokes for 38 hours.

Release packer & COOH. RIH & cleaned out to RBP @ 5100'. Released RBP & COOH. RIH w/2-3/8" tubing & cleaned out to PBTD @ 5683'. Landed tubing @ 5655' with "F" nipple set @ 5622'. ND BOPs & NU WH. PT – OK. Pumped off expendable check. RD & released rig 8/15/98. Turned well over to production department.

29-5 #41 Workover Production Increase



API #	29-5 # 41	MCF/Month
7506	Aug-97	2,848
	Sep-97	2,655
	Oct-97	3,000
	Nov-97	2,913
	Dec-97	2,909
	Jan-98	2,956
	Feb-98	2,354
	Mar-98	2,330
	Apr-98	2,153
	May-98	2,073
	Jun-98	2,032
	Jul-98	2,245
	Aug-98	1,217
	Sep-98	2,567
	Oct-98	5,425
	Nov-98	2,988
	Dec-98	4,486