

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 06/9

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

RECEIVED
JUL 20 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 71A		API Number 30-039-21229		
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
0	17	29N	6W	1080	south	1530	East	Rio Arriba

II. Workover

Date Workover Commenced: 10/2/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 10/12/98	

- 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:

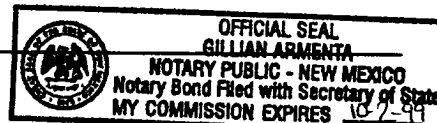
State of New Mexico)
County of San Juan) ss.

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

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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.

Gillian 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 10/12/98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>8/11/99</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

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

RECEIVED
BLM

SEP 29 1998 12:43

000 SAN JUAN, NM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078426-A

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 #71A

9. API Well No.

30-039-21229

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 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 all within the existing Mesaverde formation.

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

Signed Falsy Chughtai Title Regulatory Assistant

Date 10-27-98

(This space for Federal or State Office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

AC.

RD

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.

* See Instruction on Reverse Side

FA IGTON DISTRICT OFFICE

OPERATOR

5mm

San Juan 29-6 Unit #71A
SF-078426-A; Unit O, 1080' FSL & 1530' FEL
Section 17, T29N, R6W; Rio Arriba County, NM

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

10/2/98

MIRU Big A #40. Killed well. ND WH & NU BOPs. Clean out to 5597'. COOH w/2-3/8" tubing.. COOH. RIH w/3-7/8" bit & scraper to 3445' (TOL - 3451'), then to 5050'. POOH. RIH w/4 1/2" CIBP & set @ 5000'. Load hole & pressure test CIBP & casing to 500 psi - OK. RU to perf. RU BlueJet & ran GR/CCL/CBL from 5000' to 3451'. Perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4045').

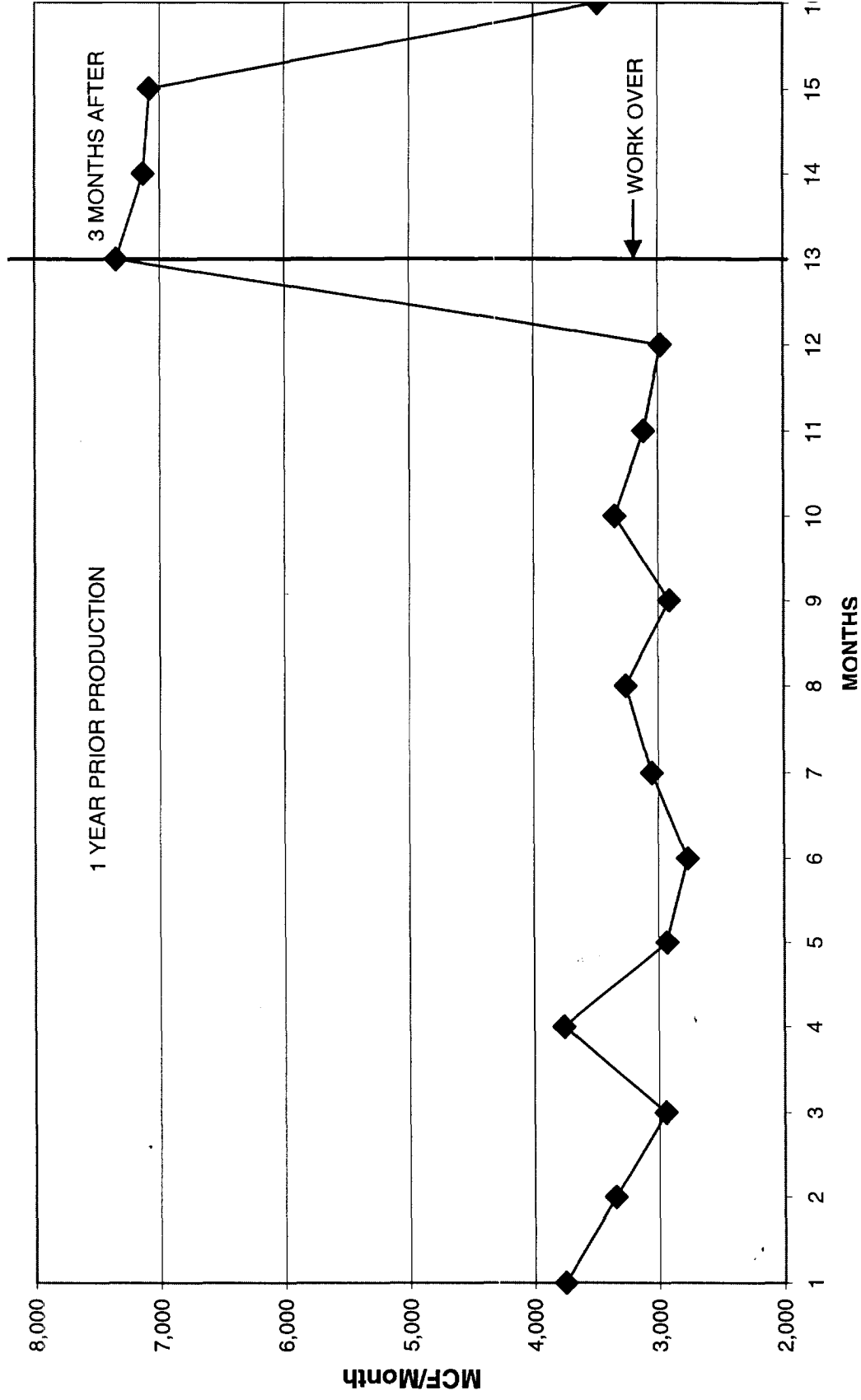
4903' - 4900' (3');	4881' - 4878' (3');	4868' - 4865' (3');	4838' - 4835' (3');;
4823' - 4820' (3');;	4772' - 4769'(3');;	4757' - 4754' (3');;	4749' - 4746' (3');;
4740' - 4737' (3');;	4713' - 4710' (3');;	4697' - 4694' (3');;	4680' - 4677' (3') 36 holes Total

GIH w/4 1/2" FBP & set @ 4495'. 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 @ 3483'. RU to frac Lewis Shale. Pumped 60% QX X-L N₂- foam frac. 1000# GW27, 82 gal FAW4, 72 gal BF-7L, 33 gal ENG-G, 36 FR20, 30 Gal XLW-30, 30 Gal CRBII, 12 gal Xide, 20 Gal GBW-33D, Pumped 15015 FG Pad, 5000 FG #1, 7534 FG #2, 10035 FG #3, 30000 FG #4, 4427 FG #5 2772 Gal flus. ATR - 20.9 bpm ATP 2400 psi. 201,840 # 20/40 Brown sand, total N₂- 798,000 scf. 697 bbls fluid to recover. ISDP -391 psi. Flowed back immediately on 2 (1/4") chokes for approx. 36 hours.

Released packer and COOH. RIH & cleaned out to CIBP @ 5000'. Drilled out CIBP and circulated bottoms up. COOH. RIH w/2-3/8" 4.7# tubing and landed tubing @ 5496' with "F" nipple set @ 5463'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 10/12/98. Turned well over to production department.

29-6 #71A Workover Production Increase



API #	29-6 #71A	MCF/Month
30-039-21229	1	3,753
	2	3,348
	3	2,945
	4	3,762
	5	2,934
	6	2,768
	7	3,054
	8	3,262
	9	2,912
	10	3,348
	11	3,115
	12	2,979
WORK OVER →	13	7,349
	14	7,131
	15	7,082
	16	3,485