

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 12 1999
OIL CON. DIV.
DIST. 3

I. Operator and Well

Operator name & address Phillips Petroleum 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 9A		API Number 30-039-21311		
UL E	Section 36	Township 29N	Range 6W	Feet From The 1460	North/South Line North	Feet From The 800	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 8/25/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 9/1/98	

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

My Commission expires: 10-8-2001

Nancy J. Brown
Notary Public

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 9/1/98.

Signature District Supervisor <u>SS. J.</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: _____

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-039-21311

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-289-3

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

017654

2. Name of Operator

Phillips Petroleum Company

3. Address of Operator

5525 Highway 64, NBU 3004, Farmington NM 87401

8. Well No.

SJ 29-6 Unit #9A

9. Pool name or Wildcat

Blanco Mesaverde 72319

4. Well Location

Unit Letter E : 1460 Feet From The North Line and 800 Feet From The West Line

Section 36 Township 29N Range 6W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Add pay & stimulate ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Patsy Clugston

TITLE

Regulatory Assistant

DATE

9/21/91

TYPE OR PRINT NAME

Patsy Clugston

TELEPHONE NO. 505-599-3454

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

San Juan 29-6 #9A
E-289-3; Unit E, 1460' FNL & 800' FWL
Section 36, T29N, R6W; Rio Arriba County, New Mexico

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

8/25/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/4-1/2" CIBP & set @ 5000'. Load hole & PT casing & rams to 550 psi - 30 min. Held OK. COOH. RU Blue Jet & logged well. Ran GR. CBL & CCL from 5000 - surface. TOC outside of 4-1/2" casing - 3540' TOC outside of 7" casing 2240'. RU & perf'd the Lewis Shale interval @ 1 spf (.38") with 120 degree phased as follows: (Huerfano Bentonite not present, equivalent stratigraphic depth is 3910').

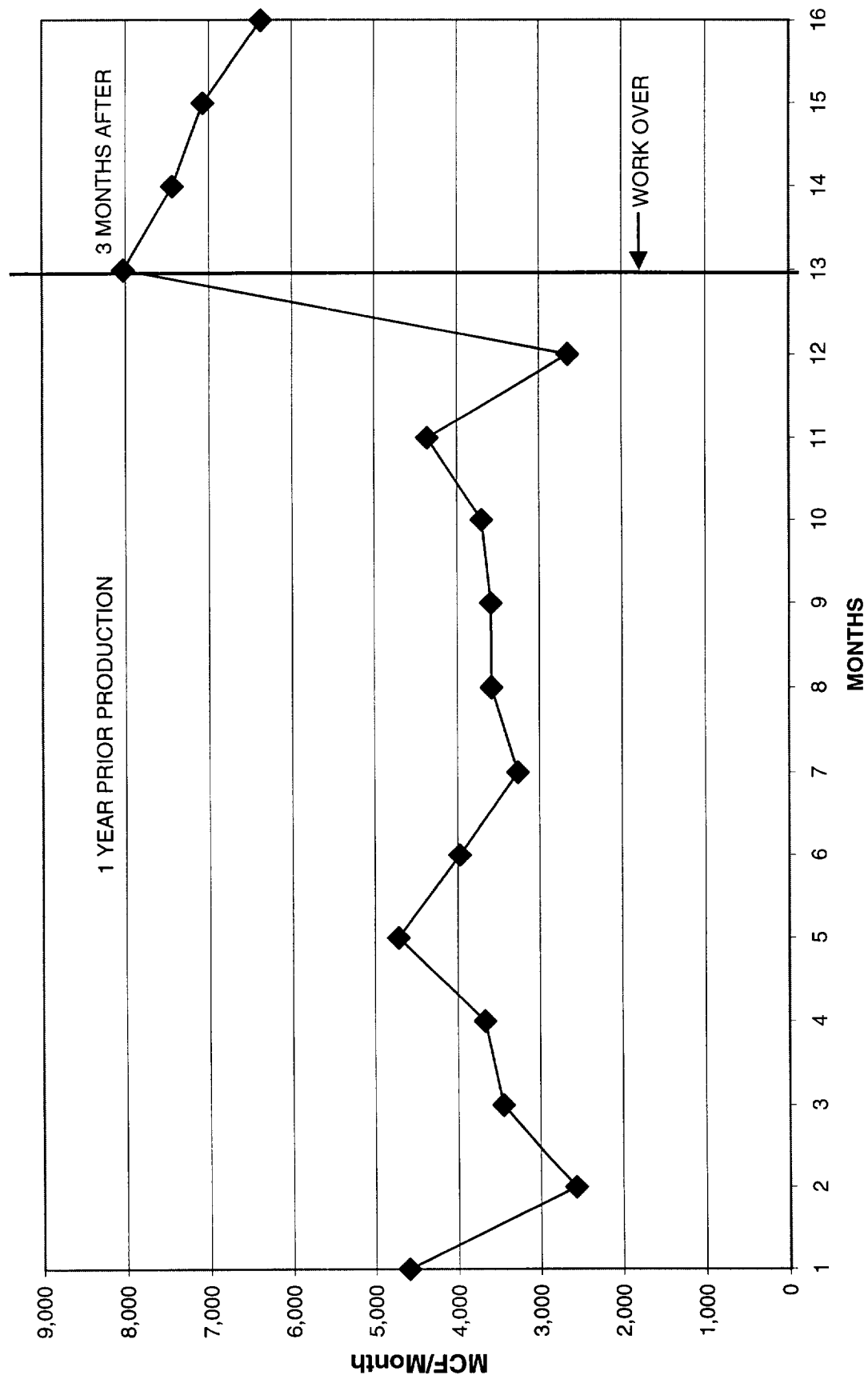
4606' - 4609' (3');	4565' - 4568' (3');	4547' - 4550' (3');	4497' - 4500' (3');;
4478' - 4481' (3');;	4438' - 4441' (3');;	4430' - 4433' (3');;	4350' - 4353' (3');;
4314' - 4317' (3');;	4295' - 4298' (3');;	4286' - 4289' (3');;	4272' - 4275' (3');; Total 36 holes

RIH w/FB packer & set @ 4067'. PT - OK. RU BJ to acidize Lewis Shale interval. Pumped 1000 gal 15% HCL & ballsealers. Knocked off and retrieved balls. POOH w/packer. RIH w/packer inside liner @ 3523'. PT casing annulus to 500 psi - OK.

RU to frac Lewis Shale. Pumped 70,000 gal of 60 Quality N2 foam consisting of 27,678 gal 30# X-link gel & 798,000 scf N2 gas. Pumped a 5600 gal foam pad followed by 197,940 # of 20/40 Brady sand. Flushed w/60 bbls of gel H2O. ATR-45 bpm ATP - 2340 psi. ISDP - 550 psi. Flowed back immediately on 1/4" choke for approximately 44 1/2 hours.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 5000' (CIBP). Drilled out CIBP & circulated bottoms up. Cleaned out to @ 5590' - 5626' (PBTD). Landed tubing @ 5557' with "F" nipple set @ 5526'. ND BOPs & NU WH. Pumped off exp check. RD & released rig 9/1/98. Turned well over to production department.

29-6 #9A Workover Production Increase



API #	29-6 # 9A	MCF/Month
30-039-21311	1	4,598
	2	2,569
	3	3,451
	4	3,672
	5	4,715
	6	3,973
	7	3,265
	8	3,583
	9	3,590
	10	3,701
	11	4,357
	12	2,649
WORK OVER →	13	8,028
	14	7,440
	15	7,074
	16	6,377