

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 06/95

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 50		API Number 30-039-07495		
UL C	Section 36	Township 29N	Range 6W	Feet From The 1650	North/South Line North	Feet From The 990	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 9/9/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 9/22/98	

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

Monica 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 9/22/98.

Signature District Supervisor <u>35.5</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

OIL CONSERVATION DIVISION

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-039-07495

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-289

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

8. Well No.

SJ 29-6 Unit #50

3. Address of Operator

5525 Highway 64, NBU 3004, Farmington NM 87401

9. Pool name or Wildcat

Blanco Mesaverde 72319

4. Well Location

Unit Letter G, 1650 Feet From The North Line and 990 Feet From The East 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 and 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

9-24-98

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 Unit #50
E-289; Unit G, 1650' FNL & 990' FEL
Section 36, T29N, R6W; Rio Arriba County, NM**

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

9/09/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/1-1/4" tubing (had to fish for 4 days). All fish recovered. Clean out to PBTD. COOH. RIH w/4 1/2" CIBP & set @ 5000'. Load hole & pressure test CIBP & casing to 600 psi – 30 min. OK. RIH to log well from 5000' to surface. TOC – 4080'. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3958').

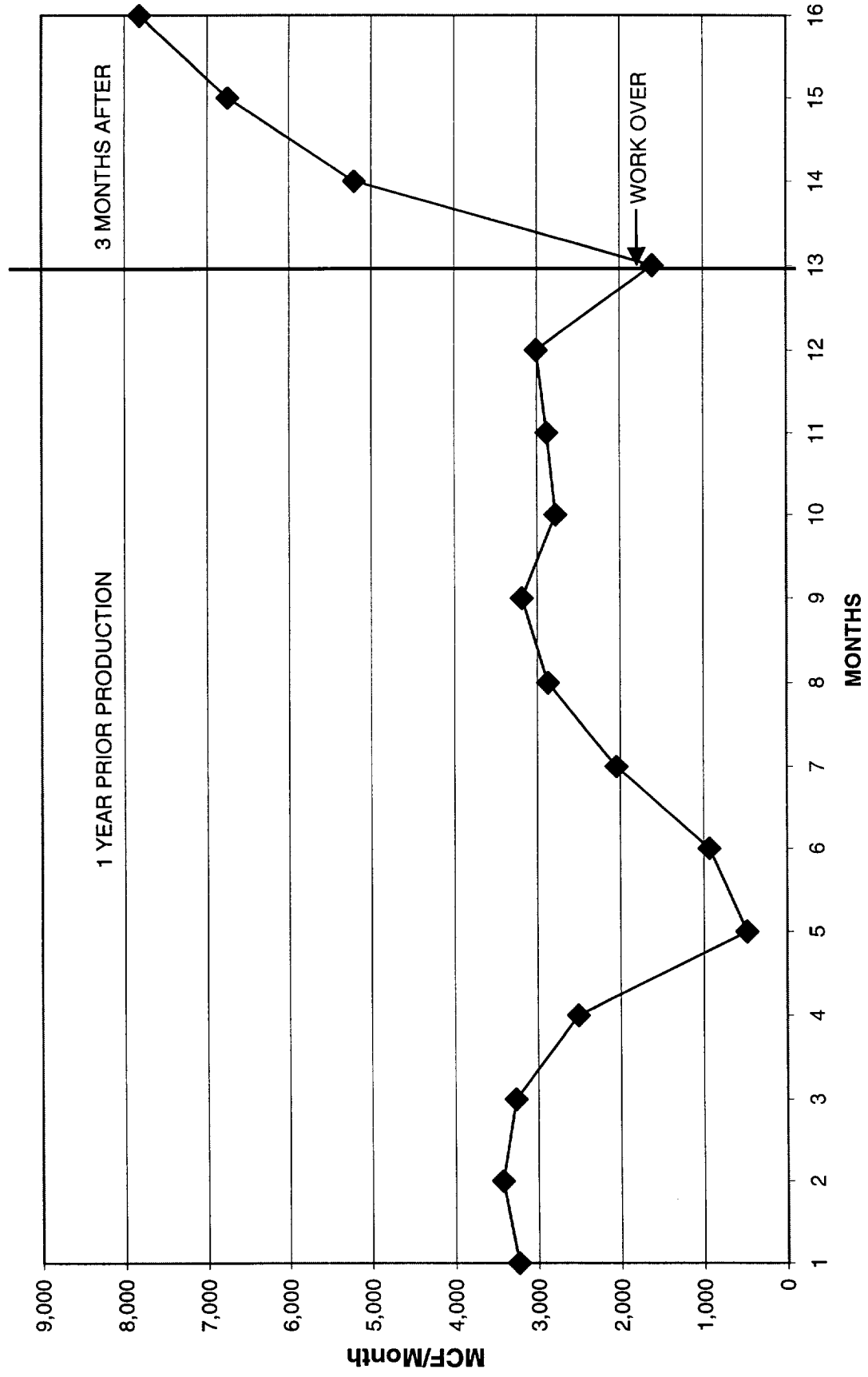
4604' – 4607' (3');	4592' – 4595' (3');	4528' – 4531' (3');	4519' – 4521' (3');;
4510' – 4513' (3');;	4480' – 4483' (3');;	4470' – 4473' (3');;	4400' – 4403' (3');;
4395' – 4398' (3');;	4346' – 4349' (3');;	4327' – 4330' (3');;	4307' – 4310' (3');; 36 Holes Total

GIH w/5 1/2" FBP & set @ 4136'. PT casing annulus & packer to 500 psi – OK. 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 @ 3494' (inside liner). PT casing annulus & packer to 500 psi -OK. RU to frac Lewis Shale. Pumped 75,100 gal of 60Qaulity N2 foam consisting of 32,340 gal of 30# X-link Gel & 874,000 scf of N2 gas. Pumped a 5600 gal foam pad followed by 200,580 # 20/40 Brady sand. ATR – 45 bpm, ATP – 2620 psi. ISDP – 500 psi. Flowed back immediately on 1/4" choke for approx. 36 hours.

Released packer and COOH. RIH & cleaned out to CIBP @ 5000'. Drilled out CIBP and circulated bottoms up. RIH w/2-3/8" 4.7# tubing and cleaned out to PBTD. Land tubing 5512' with "F" nipple set @ 5480'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 9/22/98. Turned well over to production department.

29-6 #50 Workover Production Increase



API #	29-6 # 50	MCF/Month
30-039-07495	1	3,241
	2	3,430
	3	3,269
	4	2,509
	5	480
	6	930
	7	2,047
	8	2,870
	9	3,186
	10	2,775
	11	2,881
	12	3,009
WORK OVER	13	1,608
	14	5,208
	15	6,753
	16	7,819