

NEW MEXICO
Hobbs, NM 87401-1980
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

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

FORM C-140
Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

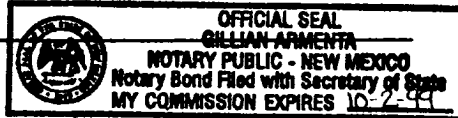
RECEIVED
JUL 20 1999

OIL CON. DIV.
DIST. 3

I. Operator and Well								
Operator name & address Phillips Petroleum 5525 Hwy. 64 Farmington, NM 87401						GRID Number 017654		
Contact Party Patsy Clugston						Phone 505-599-3454		
Property Name San Juan 29-5 Unit						Well Number 38		API Number 30-039-07472
UL M	Section 32	Township 29N	Range 5W	Feet From The 860	North/South Line South	Feet From The 1115	East/West Line West	County Rio Arriba

II. Workover	
Date Workover Commenced: 11/3/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 11/14/98	

- 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 <u>New Mexico</u>)	
) ss.	
County of <u>San Juan</u>)	
<u>Patsy Clugston</u> , 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 <u>Patsy Clugston</u>	Title <u>Regulatory Assistant</u> Date <u>7/15/99</u>
SUBSCRIBED AND SWORN TO before me this <u>15th</u> day of <u>July</u> , 1999.	
My Commission expires: _____	
Notary Public <u>Gillian Armenta</u>	
	

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 11/14/98.

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

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.

30-039-07472

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-289-23-24

7. Lease Name or Unit Agreement Name

SAN JUAN 29-5 UNIT

009256

8. Well No.

SJ 29-5 UNIT #38

9. Pool name or Wildcat

BLANCO MESAVERDE

72319

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

4. Well Location

Unit Letter

M

860'

Feet From The

SOUTH

Line and

1115

Feet From The

WEST

Line

Section

32

Township

29N

Range

5W

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 additional perms and stimulate in the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

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NOV 25 1998
OIL CON. DIV.

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

11/23/98

TYPE OR PRINT NAME

Patsy Clugston

TELEPHONE NO. 505-599-3454

(This space for State Use)

ORIGINAL SENT TO ERIC BUSCH

APPROVED BY

TITLE

DATE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

NOV 30 1998

CONDITIONS OF APPROVAL, IF ANY:

**San Juan 29-5 Unit #38
E-239-23-24; Unit M, 860' FSL & 1115' FWL
Section 32, T29N, R6W; Rio Arriba County, NM**

**Procedure used perf additional Mesaverde perfs and acidize and then
add pay & stimulate the Lewis Shale interval in the existing Mesaverde formation.**

11/3/98

MIRU Big A # 40. Killed well. ND WH & NU BOPs. PT – OK. POOH w/177 jts 1-1/4" tubing. RU Blue jet & gauge ring on WL. Set CIPB @ 5555'. Perforated the Menefee w/ (.31") holes @ 1 spf as follows:

5535', 5530', 5522', 5516', 5489', 5478', 5434', 5409', 5406', 5404',
5386', 5384', 5365', 5364', 5362', Total 15 holes

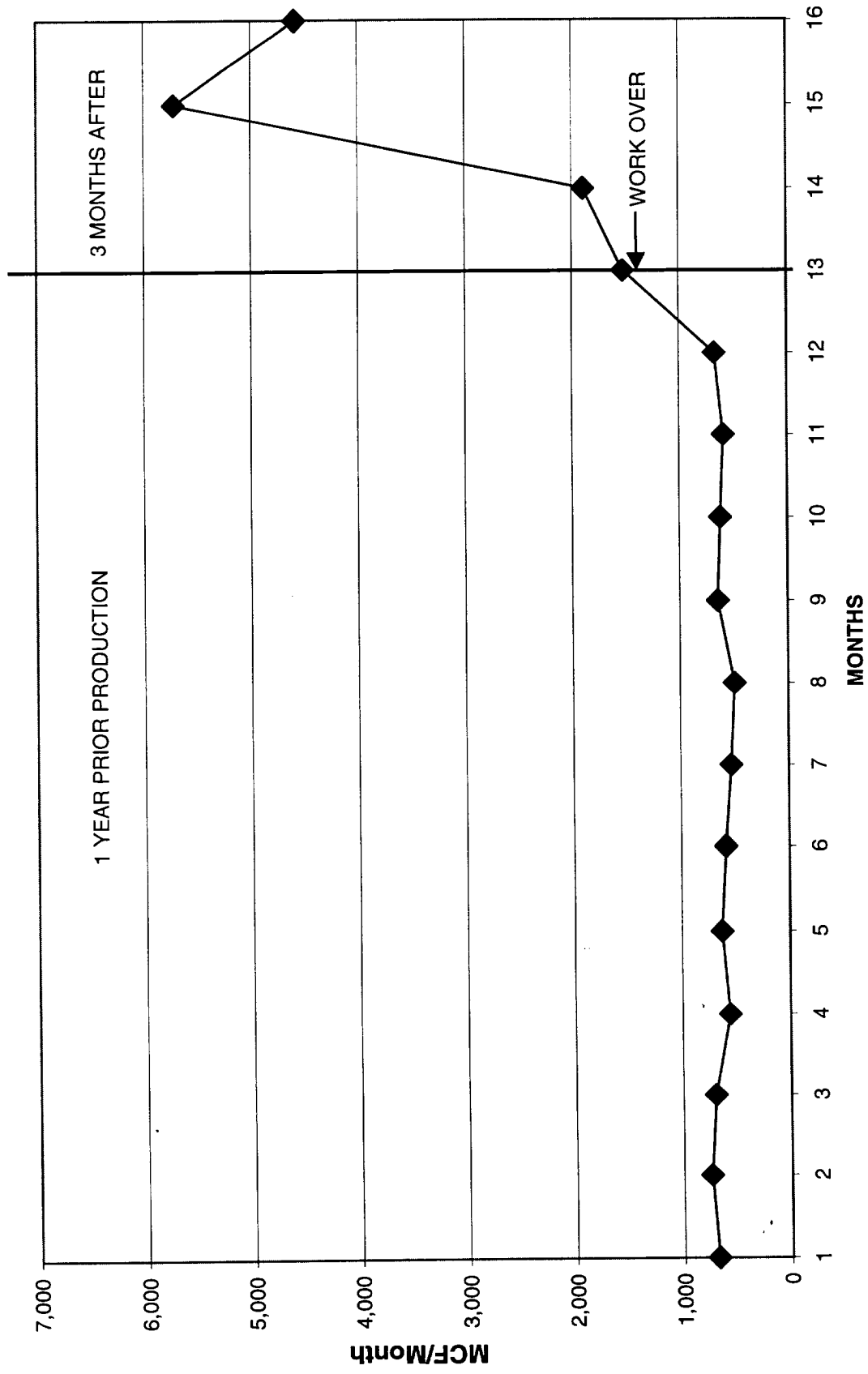
RIH w/RBPkr & set @ 5001'. Acidize Menefee perfs with 1260 gal of 15% HCL & ballsealers. Surged balls off and retrieved balls. COOH w/packer. RIH w/5 1/2" RBP & set @ 5000'. PT RBP – OK. RU BlueJet & ran GR,CCL,CBL log from 5000' to surface. TOC @ 4000'. RU to perforate Lewis Shale @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3948').

4617' – 4620' (3');	4607' – 4610' (3');	4584' – 4587' (3');	4570' – 4573' (3');
4560' – 4563' (3');	4486' – 4489' (3');	4439' – 4442' (3');	4425' – 4428' (3');
4415' – 4418' (3');	4385' – 4388' (3');	4226' – 4229' (3');	4209' – 4211' (3'); Total 36 holes

GIH w/5 1/2" packer & set @ 4685'. PT – OK. Isolated bottom 4 sets of perfs. Could not pump into bottom perfs 4607-4610 & 4617- 4620'. POOH w/pkr. RIH & set packer @ 4006'. RU to frac Lewis Shale. Pumped 78,036 gal of 60 Quality N2 foam consisting of 28,414 gal of 30# X-link gel & 725,000 scf N2 gal. Pumped 1 4200 gal foam pad followed by 183,590 # 20/40 Brady sand. ATR – 40 bpm ATP – 3250'. ISDP – 560 psi. Flowed back on 1/4" and 1/2" choke for approximately 38 hrs.

Released packer and COOH. RIH & cleaned out to RBP @ 5000'. Released RBP & COOH. RIH & tagged CIPB @ 5555'. Drilled out CIPB. Cleaned out fill to PBTD @ 5790'. COOH. RIH w/ 2-3/8" 4.7# tubing. Landed tubing @ 55659' with "F" nipple set @ 5626'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 11/14/98. Turned well over to production department.

29-5 #38 Workover Production Increase



API #	29-5 #38	MCF/Month
30-039-07472	1	679
	2	741
	3	699
	4	558
	5	629
	6	586
	7	531
	8	495
	9	648
	10	622
	11	589
	12	671
WORK OVER →	13	1,521
	14	1,892
	15	5,719
	16	4,588