

ALBUQUERQUE, NEW MEXICO
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

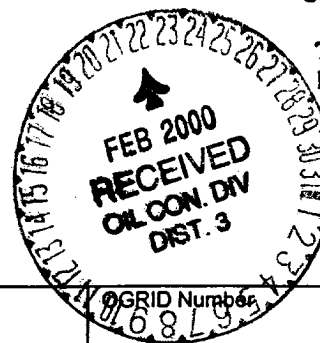
Revised 06/9

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR WELL WORKOVER PROJECT



GRID Number

017654

Phone
505-599-3454

API Number
30-039-21226

UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
C	18	29N	6W	900	North	1460	West	Rio Arriba

II. Workover

Date Workover Commenced: 6/14/99	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 6/21/99	

- 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:

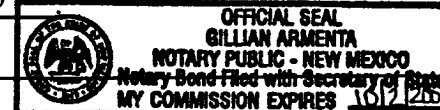
State of New Mexico)
) ss.

County of San Juan)
Patsy Clugston, being first duly sworn, upon oath states:

- 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 Sr. Regulatory/Proration Clerk Date 2/14/00
SUBSCRIBED AND SWORN TO before me this 14 day of February, 2000

Gillian Armenta
Notary Public



My Commission expires: 10/21/2003

FOR OIL CONSERVATION DIVISION USE ONLY:

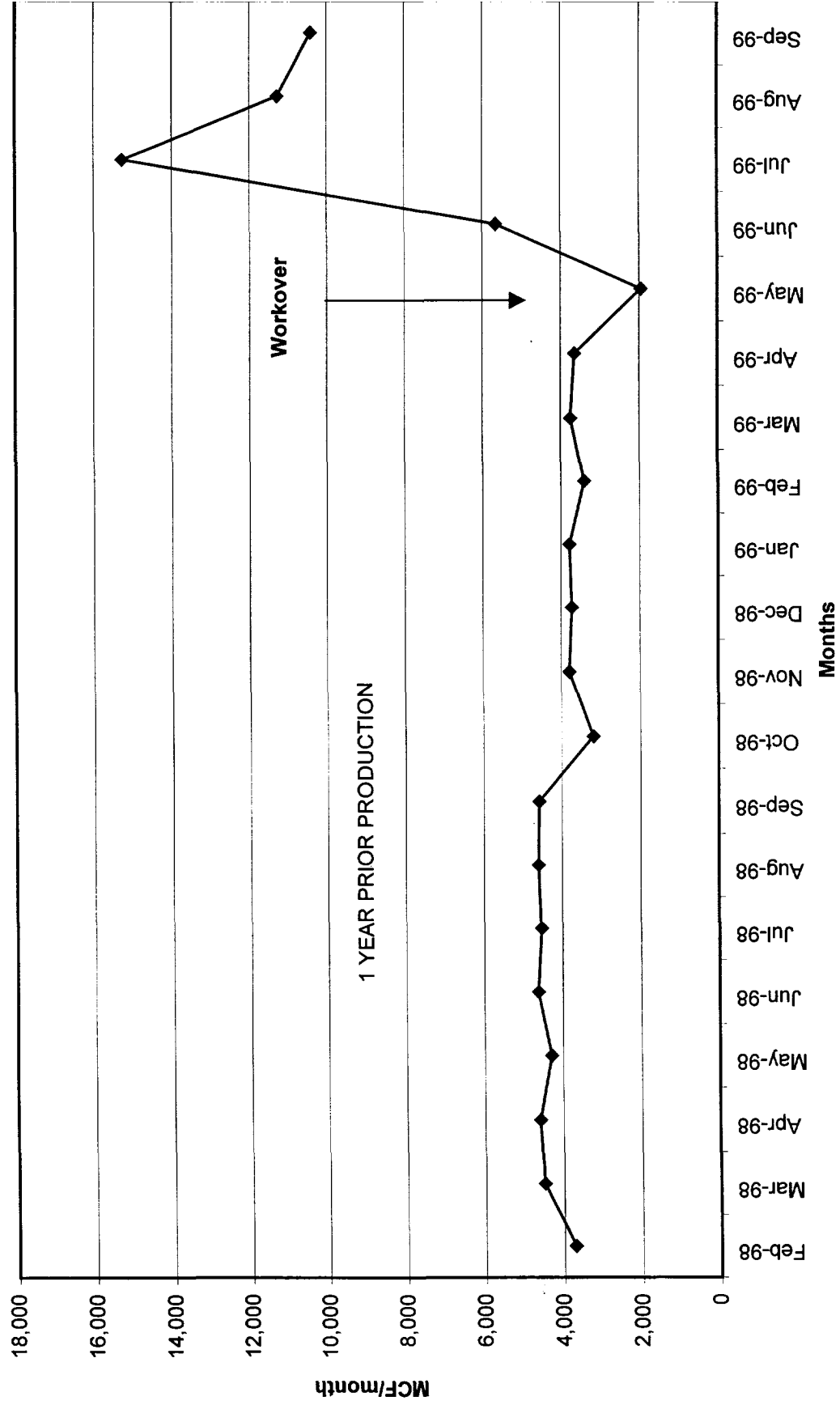
VI. CERTIFICATION OF APPROVAL:

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 6/21/99.

Signature District Supervisor <u>328</u>	OCD District <u>3</u>	Date <u>3/7/00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

29-6 #55A Workover Production Increase



API #	29-6 #55A	mcf/Month
30-039-2122	Feb-98	3,716
	Mar-98	4,489
	Apr-98	4,585
	May-98	4,298
	Jun-98	4,618
	Jul-98	4,536
	Aug-98	4,600
	Sep-98	4,582
	Oct-98	3,193
	Nov-98	3,793
	Dec-98	3,730
	Jan-99	3,785
Workover	Feb-99	3,408
	Mar-99	3,746
	Apr-99	3,647
	May-99	1,952
Workover →	Jun-99	5,650
	Jul-99	15,271
	Aug-99	11,276
	Sep-99	10,415

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.

30-039-21226

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 # 55A

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 C : 900 Feet From The North Line and 1460 Feet From The West Line

Section 18 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 additional perms and simulate the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

RECEIVED
JUN 28 1999
OIL CON. DIV.
DIST. 3

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

6/24/99

TYPE OR PRINT NAME

Patsy Clugston

TELEPHONE NO. 505-599-3454

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

JUN 30 1999

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**San Juan 29-6 Unit #55A
Fee; Unit C, 900' FNL & 1460' FWL
Section 18, T29N, R6W; Rio Arriba County, New Mexico**

**Procedure used to add additional perms to Menefee interval & then add pay & stimulate the
Lewis Shale interval, all within the existing Mesaverde formation**

6/14/99

MIRU Key Energy Rig #40. Killed well. ND WH & NU BOPs. PT - OK. COOH w/2-3/8" tubing. RIH w/4-1/2" CIBP & set @ 5395'. GIH & perforated Menefee interval as follows @ 1 spf .31" dia holes.

5368', 5366', 5319', 5311', 5291', 5289', 5262', 5260', 5247', 5236', 5233', 5213',
5211', 5202', 5194', 5187', 5185', 5182', 5169', 5148', 5132', 5120', 5118'; Total 23 holes

RIH w/FB packer & set @ 5383'. PT - OK. Released packer & set @ 5351'. RU to acidize. Pumped 200 gal 15% HCL & then 333 gal of 15% HCL & ballsealers. Released packer & knocked balls off. COOH w/packer. RIH w/4-1/2" CIBP & set @ 4900'. Pumped 500 gal 15 % HCL & circulated our w/140 bbls 2% KCL to remove CaCO₃ scale. PT casing, rams & CIBP @ 500 psi for 30 minutes. Good test. Ran GR/CCL/CBL from 4910' to CIBP 2520'. Good cement bond to 2900'. Marginal bond to 2520' (liner top). Logged 7" from 2520 to 100'. TOC @ 2310'. GIH & perforated Lewis Shale interval @ 1 spf .38" dia holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth @ 3974').

4834' - 4837' (3');	4802' - 4805' (3');	4573' - 4576' (3');	4526' - 4529' (3');
4504' - 4507' (3');	4429' - 4432' (3');	4407' - 4410' (3');	4329' - 4332' (3');
4276' - 4279' (3');	4264' - 4267' (3');	4129' - 4132' (3');	4030' - 4033' (3');

Total 36 Holes

RIH w/4-1/2" FB packer & set @ 3836'. PT - OK. RU to Acidize Lewis Shale w/1000 gal 15% HCl acid & ballsealers. Released packer & knocked off ballsealers. GIH w/packer & set @ 2558'. PT - OK. RU to frac. Pumped 70,350 gal 60 Quality N₂ 30# X-link Borate foam w/201,000 # 20/40 Brady sand. Total N₂ - 830,000 scf. Total fluid to recover 714 bbls. ATP - 3400 psi. ATR - 45 bpm. ISIP - 650 psi. Flowed back immediately on 1/4" and 1/2" chokes for approx. 32 hours.

Released packer & LD frac string. RIH & cleaned out fill to CIBP. Drilled out & chased to 5380'. Drilled out debris & 2# CIBP @ 5395'. Chased debris to 5622' (new PBTD). COOH. RIH w/2-3/8" tubing and set @ 5514' with "F nipple set @ 5481'. ND BOP & NU WH. PT - OK. Pumped off expendable check. RD & released rig 2000 hrs 6/21/99. Turned over to production department.