

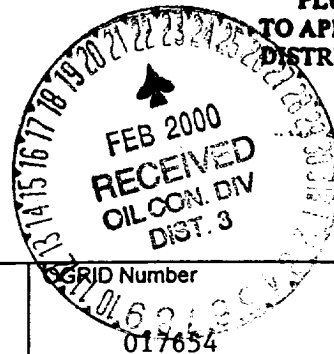
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Revised 06/

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT



I. Operator and Well

Operator name & address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401							GRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-6 Unit					Well Number 48		API Number 30-039-07502	
UL A	Section 35	Township 29N	Range 6W	Feet From The 990	North/South Line North	Feet From The 990	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 3/24/99	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 4/5/99	

- 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)

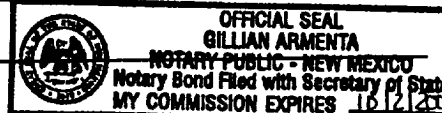
Patsy Clugston, being first duly sworn, upon oath states:

- 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: 10/2/2003



FOR OIL CONSERVATION DIVISION USE ONLY:

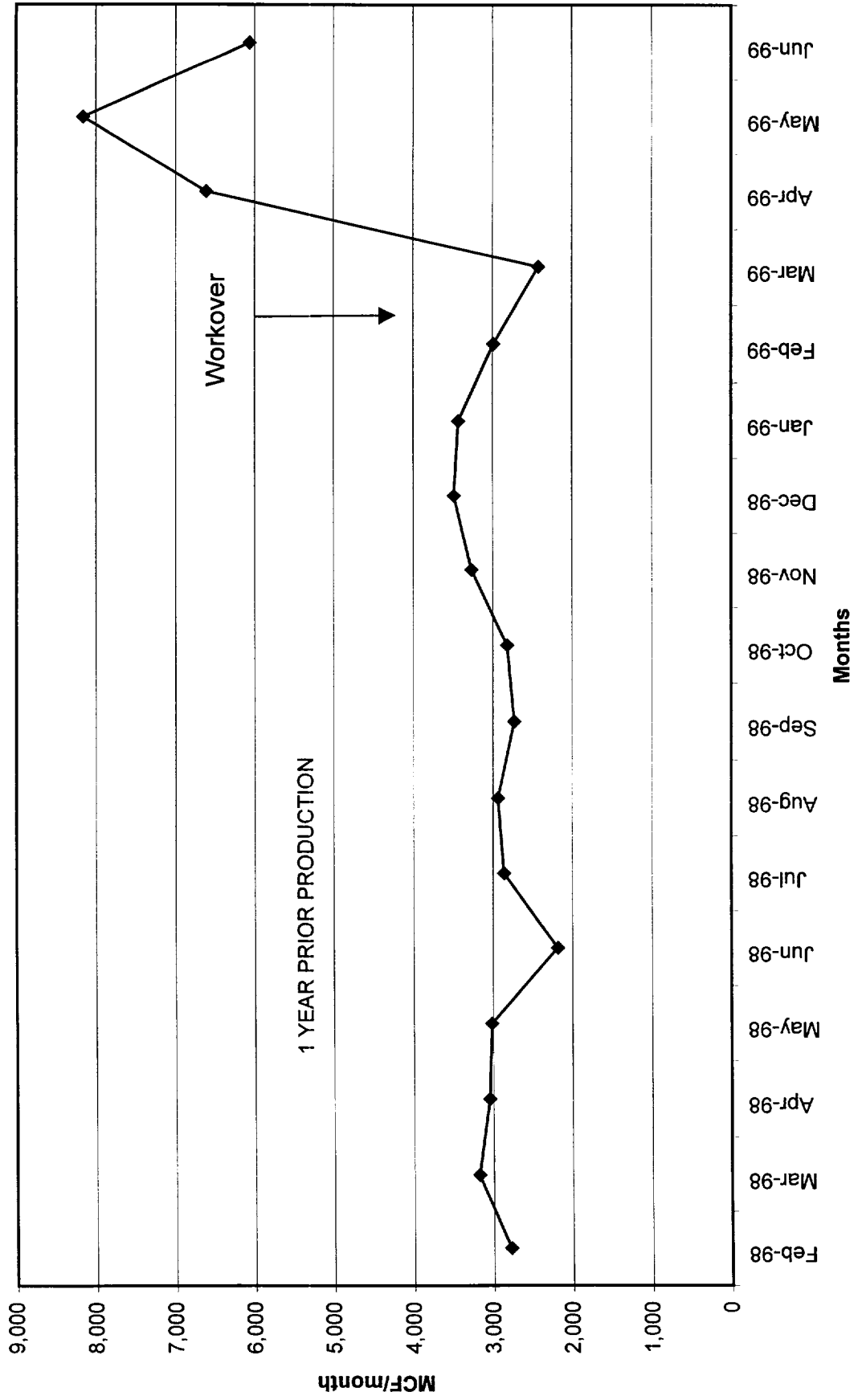
VI. CERTIFICATION OF APPROVAL:

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 4/5/99.

Signature District Supervisor <u>SS. J</u>	OCD District <u>3</u>	Date <u>2/7/00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

29-6 #48 Workover Production Increase



API #		29-6 #48	MCF/Month
30-039-07502		Feb-98	2,783
		Mar-98	3,180
		Apr-98	3,047
		May-98	3,016
		Jun-98	2,182
		Jul-98	2,860
		Aug-98	2,936
		Sep-98	2,731
		Oct-98	2,819
		Nov-98	3,266
		Dec-98	3,488
		Jan-99	3,430
		Feb-99	2,988
Workover	→	Mar-99	2,422
		Apr-99	6,613
		May-99	8,159
		Jun-99	6,066

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. 30-039-07502	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name San Juan 29-6 Unit 009257	
8. Well No. SJ 29-6 Unit #48	
9. Pool name or Wildcat Blanco Mesaverde 72319	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> 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 A 990 Feet From The North Line and 990 Feet From The East Line Section 35 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 squeeze cement behind pipe before adding pay and stimulating the Lewis Shale interval within the existing Mesaverde formation.

RECEIVED
APR - 8 1999
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
99 APR - 7 AM 8:08
070 FARMINGTON, NM

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 4/6/99

TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

APPROVED BY _____ TITLE _____ DATE APR 12 1999

CONDITIONS OF APPROVAL, IF ANY:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

San Juan 29-6 Unit #48
FEE; Unit A, 990' FNL & 990' FEL
Section 35, T29N, R6W; Rio Arriba County, New Mexico

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

3/24/99

MIRU Key Energy Rig #40. Killed well. RD WH & NU BOPs. PT – OK. Unset donut & POOH w/2-3/8" tubing. RIH w/bit & scraper to 5670'. RIH w/5-1/2" CIPB & set @ 4975'. Load casing w/120 bbls 2% KCl & PT casing to 600 psi – Held Ok. POOH. RU Blue Jet & ran GR/CCL & CBL log from 4973' to surface. TOC 4208'. Shoot 2 (3/8") squeeze holes @ 4008'. RIH w/5-1/2" cement retainer & set @ 3969'. RU BJ to cement. Sting into cement retainer @ 3969'. Held 500 psi on tubing annulus. BJ pumped 100 sx Cl H 2% cement through squeeze holes @ 15.8 ppg. Displaced cement to retainer. Sting out with 850 psi & reversed out 5 sx. COOH. WOC. RIH w/4-3/4" bit & tagged up @ 3969'. Drilled out cement retainer @ 3969' & cement to 4008'. Circulated bottoms up. COOH w/bit. RU Blue Jet & perforated Lewis Shale interval @ .38" holes 120 degree phased holes as follows (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3953').

4700' – 4703' (3');	4596' – 4599' (3');	4544' – 4547' (3');	4513' – 4516' (3');
4442' – 4445' (3');	4422' – 4425' (3');	4408' – 4411' (3');	4318' – 4321' (3');
4279' – 4782' (3');	4254' – 4257' (3');	4161' – 4164' (3');	4008' – 4011' (3'); Total 36 holes

TIH & set 5-1/2" FB packer @ 4560'. RU BJ to acidize. Pumped 1000 gal 15% HCL & ballsealers. Unset packer & knocked balls off. POOH w/FB packer. RU to frac. RIH & set packer @ 3827'. Pumped 67,173 gal of 60 Quality foam consisting of 31,920 gal of 30# X-link gel & 863,000 scf N2 gas. Pumped a 4200 gal foam pad followed by 204,460 # of 20/40 Brady sand. ATP – 3500 psi. ATR – 40 bpm. ISDP – 450 psi. Flowed back on 1/4" & 1/2" chokes for approx. 32 hrs.

Released packer & COOH. RIH w/4-3/4" bit & cleaned out fill to CIBP @ 4975'. Drilled out CIPB. Cleaned out to PBTD @ 5670'. COOH. RIH w/2-3/8" tubing and set @ 5535' with "F" nipple set @ 5502'. ND BOPs & NU WH. Pumped off check. RD & released rig 4/5/99. Turned well over to production department.