

1623 N. French St.
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

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-14
Revised 06/9

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							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-6 Unit					Well Number 54A		API Number 30-039-21416	
UL E	Section 4	Township 29N	Range 6W	Feet From The 1480	North/South Line North	Feet From The 800	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 7/6/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 7/9/98	

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:

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

Mary 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 7/9/98.

Signature District Supervisor <u>Ernie Bush</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

2040 Pacheco St.
Santa Fe, NM 87505

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

WELL API NO.

30-039-21416

5. Indicate Type of Lease

STATE ☐

FEE ☒

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 #54A

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 E 1480 Feet From The North Line and 800 Feet From The West Line

Section 4

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 in the existing Mesaverde formation.

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

SIGNATURE

TITLE

Regulatory Assistant

DATE

7/22/98

TYPE OR PRINT NAME

Patsy Clugston

TELEPHONE NO. 505-599-3454

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 63

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

AUG 4 1998

San Juan 29-6 #54A
Fee; Unit E, 1480' FNL & 800' FWL
Section 4, 29N, 6W; Rio Arriba County, New Mexico

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

7/6/98

MIRU Big A #40. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag down to 5742' (PBTD). COOH. RIH w/4 1/2" CIBP & set @ 5150'. Load hole w/2% KCl & PT casing to 500 psi for 30 min. - Good test. COOH.

RU Blue Jet & logged well. Ran GR/CCL/CBL from 5100 to 3553' (Liner top). Logged from 3553' - surface. TOC 3242'. RU & perf'd the Lewis Shale interval @ 1spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3782').

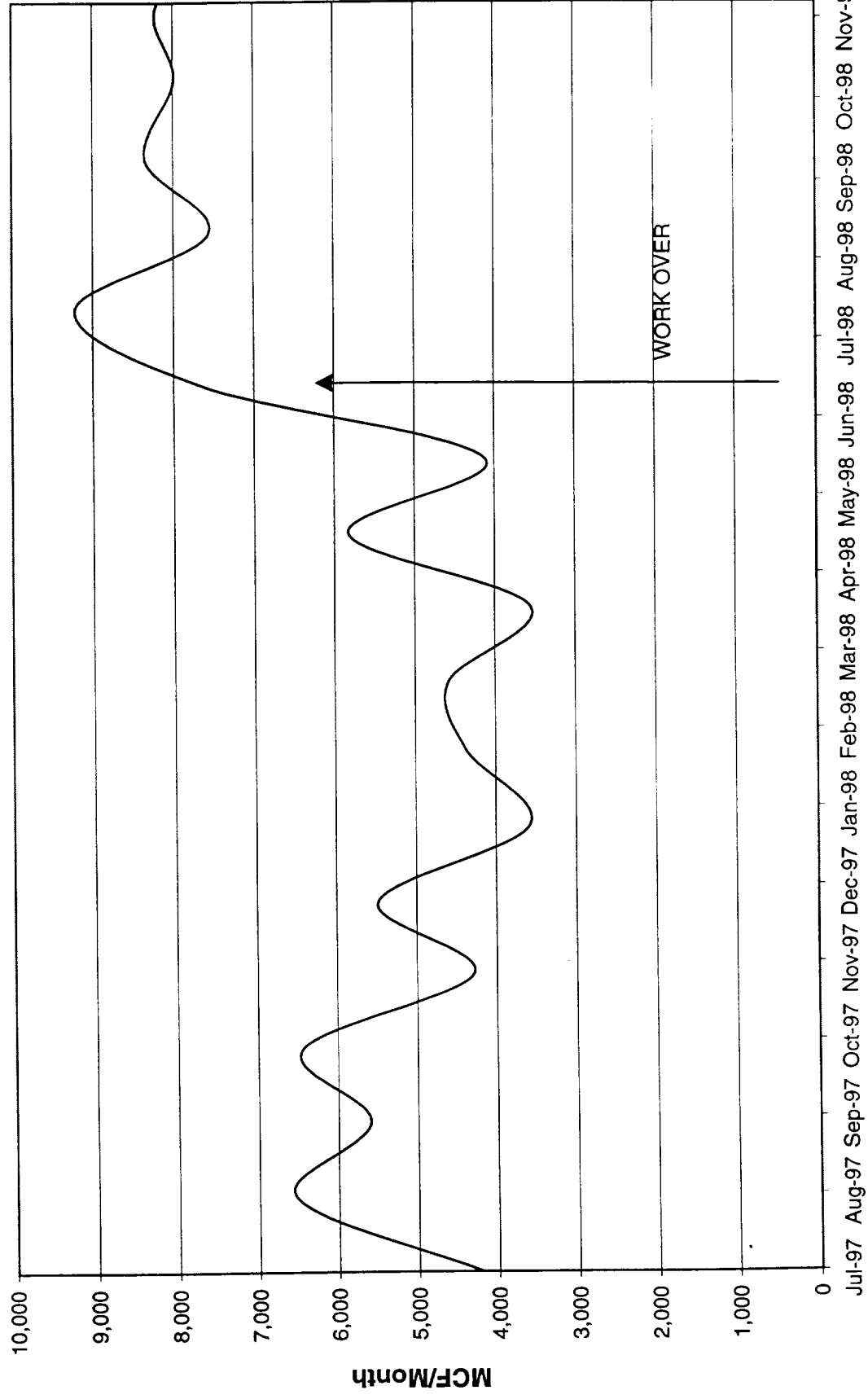
4683' - 4686' (3');	4668' - 4671' (3');	4608' - 4611' (3');	4590' - 4593' (3');;
4578' - 4581' (3');;	4522' - 4525' (3');;	4500' - 4503' (3');;	4463' - 4466' (3');;
4455' - 4458' (3');;	4436' - 4439' (3');;	4369' - 4372' (3);;	4297' - 4300' (3');; 36 Holes

GIH w/4 1/2" packer & set @ 408'. 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 @ 3575'. PT casing annulus to 500 psi - OK. RU to frac Lewis Shale. Pumped 67,988 gal 60 Quality N2 30# X-link borate foam w/201,200 # 20/40 Brady Sand. Total N2 - 826,000 scf. Total fluid to recover 710 bbls. ATR - 45 bpm and ATP - 2850 psi. Flowed back immediately on 1/4" choke for approximately 35 hours.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 5150' (CIBP). Drilled out CIBP & chased down to 5735' (PBTD). Cleaned out to PBTD @ 5735'. Landed tubing @ 5654' w/'F" nipple set @ 5621'. ND BOPs & NU WH. Pumped off exp check. RD & released rig 7/9/98. Turned well over to production department.

29-6 #54a Workover Production Increase



M2Y67-01

PARPI - WELLZONE PRODUCTION BROWSE
MONTHLY TOTALS

Date: 7/01/99

User: HEBACA

Wellzone F0238 01 Yr: 1997 Mth: 07 Property: 650112 SAN JUAN 29-6 MESA V
 Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000054A
 Type: T (T-Total, D-Daily Avg) Field: 0707 BLANCO
 Period: M (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20002 MESAVERDE

ADJ	FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
	1997-07	8.96	4,211	39	21.00	21	11	03	2
	1997-08	14.55	6,535	13	31.00	31	11	03	2
	1997-09	13.06	5,591	40	30.00	30	11	03	2
*	1997-10	24.65	6,444	23	31.00	31	11	03	2
*	1997-11	10.88	4,290	600	30.00	30	11	03	2
	1997-12	2.18	5,480	0	31.00	31	11	03	2
*	1998-01	3.62	3,581	10	31.00	31	11	03	2
	1998-02	9.43	4,370	0	28.00	28	11	03	2
*	1998-03	5.81	4,584	34	31.00	31	11	03	2
	1998-04	1.05	3,555	0	30.00	30	11	03	2
*	1998-05	9.46	5,824	0	27.00	27	11	03	2
*	1998-06	9.42	4,121	20	30.00	30	11	03	2

PA1=ICE

PF1=Help

PF3=End

PF5=INITIAL CUM

PF10=Next Well

PF7=Backward

PF8=Forward

PF11=Prev Well

M2Y67-01

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 Type: T (T-Total, D-Daily Avg) Field: 0707 BLANCO
 Period: M (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20002 MESAVERDE

ADJ	FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
	* 1998-07	7.26	7,634	15	18.00	18	11	03	2
	1998-08	8.70	9,221	0	31.00	31	11	03	2
	1998-09	6.52	7,563	0	30.00	30	11	03	2
	1998-10	12.33	8,351	0	31.00	31	11	03	2
	* 1998-11	13.06	7,988	25	30.00	30	11	03	2
	1998-12	6.53	8,187	0	31.00	31	11	03	2
	* 1999-01	7.99	7,021	17	31.00	31	11	03	2
	1999-02	5.83	5,139	0	28.00	28	11	03	2
	* 1999-03	4.38	7,591	11	28.00	28	11	03	2
	1999-04	4.35	7,472	0	30.00	30	11	03	2
	1999-05	20.31	7,600	0	31.00	31	11	03	2

NO MORE DATA AVAILABLE

PA1=ICE

PF1=Help

PF3=End

PF5=INITIAL CUM

PF10=Next Well

PF7=Backward

PF8=Forward

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