

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 06/9

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 30-5 Unit					Well Number 73		API Number 30-039-22572	
UL B	Section 10	Township 30N	Range 5W	Feet From The 900	North/South Line North	Feet From The 1760	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 9/27/99	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 11/17/98	

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)

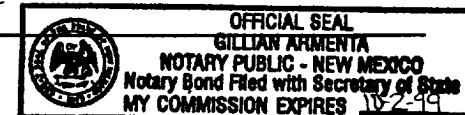
Patsy Clugston, being first duly sworn, upon oath states:

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 7/15/99
SUBSCRIBED AND SWORN TO before me this 15th day of July, 1999.

William Chmura
Notary Public

My Commission expires: _____



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 11/12/98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>8/12/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-078997
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454	7. If Unit or CA, Agreement Designation San Juan 30-5 Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit B, 900' FNL & 1760' FEL Section 10, T30N, R5W	8. Well Name and No. SJ 30-5 Unit #73
	9. API Well No. 30-039-22572
	10. Field and Pool, or exploratory Area Basin Dakota and Blanco Mesaverde
	11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Commingle notification</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log for)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note that on November 25 1998, the subject well was put back on line after adding Mesaverde pay to the existing Dakota zone and production from both the Mesaverde and Dakota zones are now commingled.

RECEIVED
BLM
98 DEC 23 PM 12:51
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct
Signed Felipe Clugston Title Regulatory Assistant Date 12/22/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date FEB 03 1999

Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit B, 900' FNL & 1760' FEL
Section 10, T30N, R5W

5. Lease Designation and Serial No.

SF-078997

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 30-5 Unit

8. Well Name and No.

SJ 30-5 Unit #73

9. API Well No.

30-039-22572

10. Field and Pool, or exploratory Area

Blanco Mesaverde and
Basin Dakota

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Add MV pay
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is details of the procedure used to add Mesaverde pay to the existing Dakota well. After completion, plans will be to flow the Mesaverde until pressures stabilize and then the production from both the Dakota and Mesaverde intervals will be commingled. A subsequent sundry will be submitted to advise the date commingling occurs.

RECEIVED
BLM
98 NOV 20 PM 3:10
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed Patsy Chugston Title Regulatory Assistant

Date 11-20-98

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any:

Date _____

ACCEPTED FOR RECORD

NOV 20 1998

FARMINGTON DISTRICT OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

NMCCD

San Juan 30-5 #73
SF-078997; API # 30-049-22572
Unit B, 900' FNL & 1760' FEL
Section 10, T30N, R5W, Rio Arriba County, NM

Procedure used to add the Mesaverde intervals to the existing Dakota well. Production from both zones will be commingled once pressures stabilize.

9/27/98

MIRU Big A #18. ND WH & NU BOPs. PT - OK. COOH w/263 jts of 2-3/8" tubing. RIH w/bit & scraper & ran to 7920'. COOH. RIH w/4-1/2" CIPB & set 7800'. Ran GR-CCL-CBL log from 7799' to 2000'. TOC - 2450'. RU to perf Lower Mesaverde interval (.38" dia 120 deg. phased holes) as follows:

5931', 5929', 5890', 5874', 5870', 5859', 5856', 5836', 5827', 5810', 5808', 5806', 5804', 5801', 5771', 5769',
5767', 5763', 5748', 5746', 5637', 5635', 5619', 5578', 5574', 5568', 5497', 5496'. **Total 28 holes**

RU to acidize. Pumped 1500 gals 1500 HCL & ballsealers. RIH & retrieved balls. RU to frac. RD Rig 18 for rigless completion. Frac'd Lower Mesaverde interval (5496 - 5931'). Pumped 93,850 gal 60 Quality N2 30# X-link Borate foam w/204,900 # 20/40 Brady sand. Total N2 1,094,400 scf, Total fluid to recover 929 bbls. ATR 50 bpm and ATP - 2900 psi. ISIP - 950 psi. Flowed back on 2 (1/4") chokes for 24 hours.

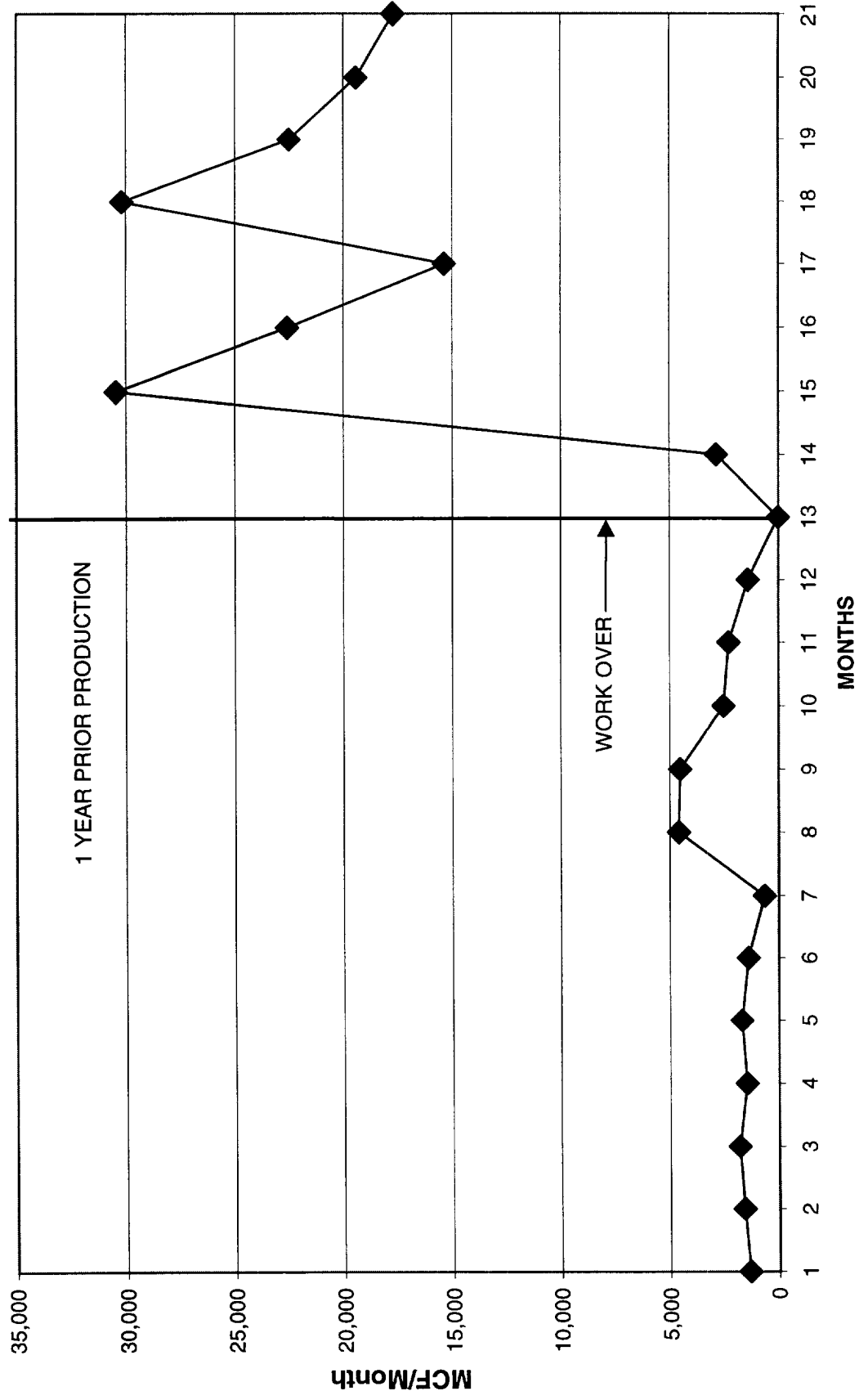
RIH w/junk basket to 5400'. GIH & set 4-1/2" CIPB & set @ 5360'. PT - OK. RU to perf. Lewis Shale interval @ 1 spf (.38") 120 degree phased holes as follows: (Huerfano Bentonite not present, equivalent stratigraphic depth is 4042').

4837' - 4840' (3');	4805' - 4808' (3');	4736' - 4739' (3');	4727' - 4730' (3');
4678' - 4681' (3');	4673' - 4676' (3');	4666' - 4669' (3');	4448' - 4451' (3');
4410' - 4413' (3');	4388' - 4391' (3');	4365' - 4368' (3');	4340' - 4343' (3') 36 holes

RU to acidize Lewis Shale. Pumped 1500 gal 15% HCL & ballsealers. RIH & retrieved balls. RU to frac Lewis Shale. Pumped 71,500 gal 60 Quality Nw 30# X-link Borate foam w/195,860 # 20/40 Brady Sand. Total N2 - 887,000 scf, total fluid to recover 669 bbls. ATP - 2700 psi, ATR 45 bpm. Flowed back on 2 (1/4") chokes for approx. 26 hrs.

RIH w/workstring and cleanout fill @ CIPB @ 5360'. Drilled out CIPB. Circ. Hole. Chased plug down to 2nd CIPB @ 7800'. Drilled out CIPB. GIH w/2-3/8" tubing & cleaned out fill to 7997' (PBTD). Landed tubing @ 7908' with "F" nipple set @ 7875'. ND BOP & NU WH. RD & released rig. Turned well over to production department.

30-5 #73 Workover Production Increase



API #	30-5 #73	MCF/Month
30-039-22572	Oct-97	1,342
	Nov-97	1,587
	Dec-97	1,812
	Jan-98	1,470
	Feb-98	1,700
	Mar-98	1,402
	Apr-98	636
	May-98	4,588
	Jun-98	4,528
	Jul-98	2,528
	Aug-98	2,296
	Sep-98	1,401
WORK OVER →	Oct-98	0
	Nov-98	2,859
	Dec-98	30,460
	Jan-99	22,593
	Feb-99	15,376
	Mar-99	30,195
	Apr-99	22,524
	May-99	19,423
	Jun-99	17,723