

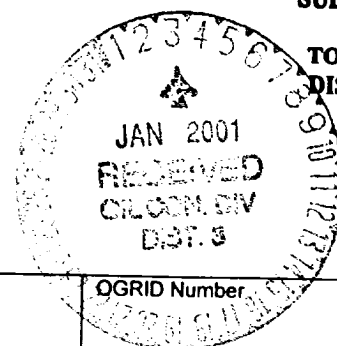
District II - (505) 748-1283
811 S. First
Alameda, NM 88210
District III - (505) 334-6178
1600 Rio Bonito Road
Alamogordo, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

New Mexico
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 31-6 Unit					Well Number 12		API Number 30-039-07905	
UL N	Section 2	Townshi 30n	Range 6W	Feet From The 800'	North/South Line south	Feet From The 1650'	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 12/1/98	Previous Producing Pool(s) (Prior to Workover): Mesaverde
Date Workover Completed: 2/14/00	

- 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 Sr. Regulatory Clerk Date 12-29-00
SUBSCRIBED AND SWORN TO before me this 29th day of December 2000

Nancy 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 2/14/00.

Signature District Supervisor <u>353</u>	OCD District <u>3</u>	Date <u>2/17/01</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.

30-039-07905

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-347

7. Lease Name or Unit Agreement Name

San Juan 31-6 Unit

009259

8. Well No.

SJ 31-6 Unit #12

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

2. Name of Operator

Phillips Petroleum Company

3. Address of Operator

5525 Highway 64, NBU 3004, Farmington NM 87401

4. Well Location

Unit Letter N : 800 Feet From The South Line and 1650 Feet From The West Line

Section 2 Township 30N 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. ☐

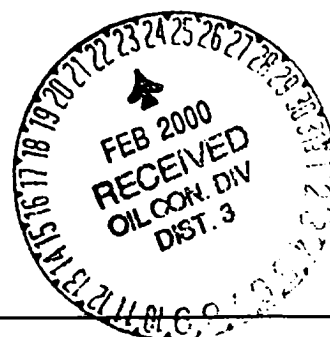
PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: D/O CIBP & Commingle All MV

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.

2/8/00 LO/TO location, MIRU key #40. ND WH & NU BOP. PT-OK. COOH w/2 3/8" tubing. RIH w/4-3/4" mill & tagged fill @ 5098'. C/O fill to CIBP @ 5210'. Drill out CIBP & chased to PBTD @ 5925'. COOH. RIH w/1-1/2" tubing and set @ 5470' W/F nipple @ 5709. ND BOP & NU WH. PT-OK. Pumped off exp. check. RD & released rig 2/14/00.



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

SIGNATURE

Patsy Clugston

TITLE Sr. Regulatory/Proration Clerk DATE 2/21/00

TYPE OR PRINT NAME Patsy Clugston

TELEPHONE NO. 505 599-3454

(This space for State Use)

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

FEB 23 200

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

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. 30-039-07905	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-347	
7. Lease Name or Unit Agreement Name San Juan 31-6 Unit 009259	
8. Well No. SJ 31-6 Unit #12	
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 N : 800 Feet From The South Line and 1650 Feet From The West Line Section 2 Township 30N Range 6W NMPM Rio Arriba County

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 CE INT JOB ☐
OTHER: Add p and stimulate ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. Estimated date of starting any proposed work)

See attached for the procedure used to add pay and stimulate the Lewis Sha within the existing Mesaverde formation.

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 1/20/99
TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

APPROVED BY DEPUTY OIL & GAS INSPECTOR, DIST. 83 DATE JAN 25 1999
CONDITIONS OF APPROVAL, IF ANY:

San Juan 31-6 #12
E-347; Unit N, 800' FSL & 1650' FWL
Section 2, T30N, R6W; Rio Arriba County, New Mexico

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

12/1/98

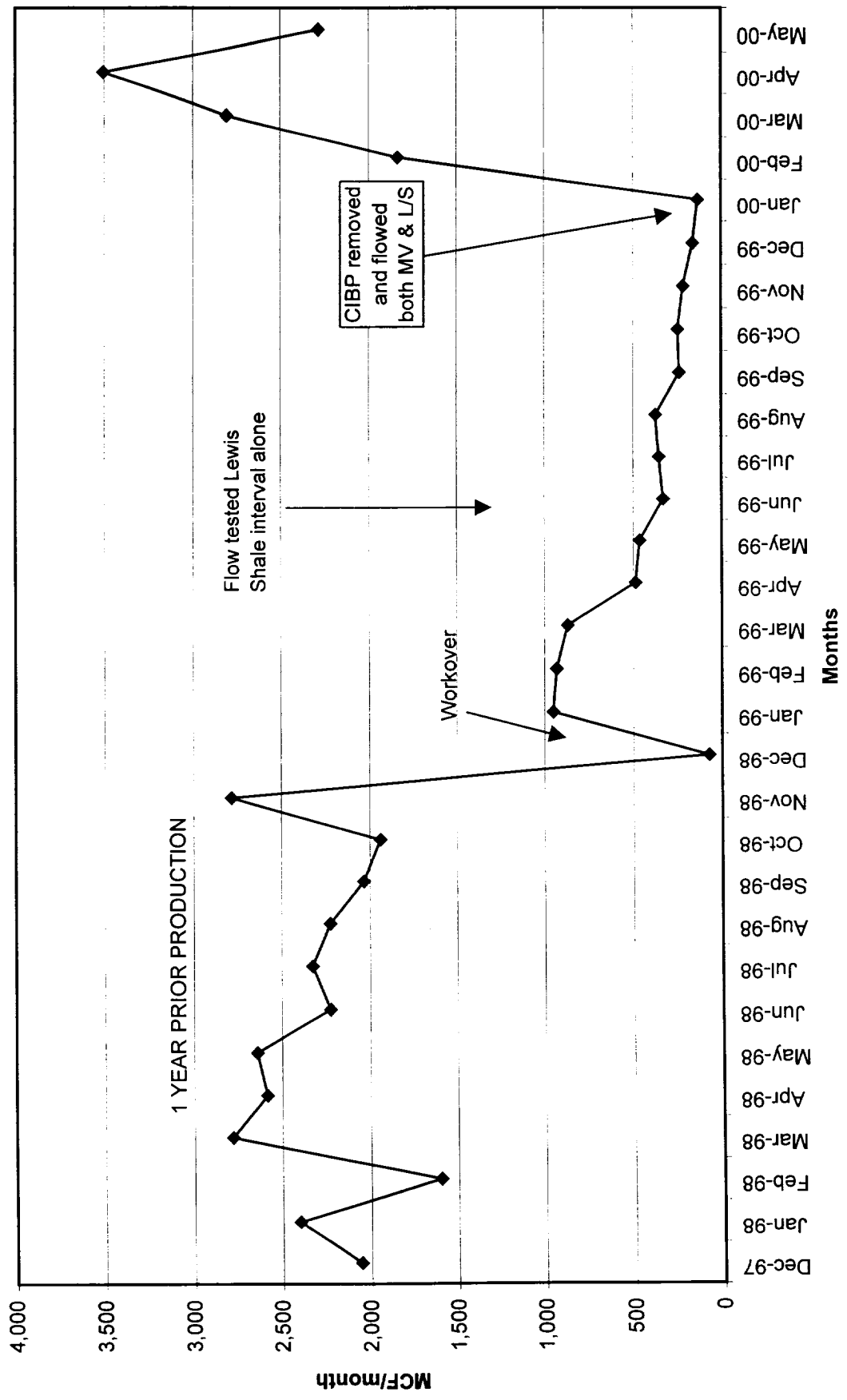
MIRU Key Energy Rig #34. Killed well. ND WH & NU BOPs. COOH w/1-1/4" tubing (had to fish tubing 30 days). Fished all recovered except approx. 2 jts. Estimated top of fish @ 5925' - 5947'. RIH w/CIBP & set @ 5210'. PT casing and CIBP to 500 psi for 30 min. Good test. COOH. RU to log well w/GR/CCL/CBL from 5223' - 3407' (liner top), then from 3407' to 200'. TOC @ 400'. GIH to perf. Lewis Shale interval @ 1 spf (.38" dia. 120 degree phased holes) as follows:

4804' - 4807' (3');	4760' - 4763' (3');	4695' - 4698' (3');	4645' - 4648' (3');
4625' - 4628' (3');	4607' - 4610' (3');	4536' - 4639' (3');	4525' - 4528' (3');
4515' - 4518' (3');	4472' - 4475' (3');	4463' - 4466' (3');	4414' - 4417' (3'); Total 36 holes

RU BJ to acidized Lewis Shale interval 4414- 4807'. Pumped 1000 gal 15% HCL & ballsealers. Released packer & knocked off ballsealers. COOH w/packer. RU to Frac. Set 5-1/2" packer @ 3422'. PT - OK. RU to frac. Pumped 67,560 gal 60 Quality N2 30# X-link Borate foam w/201,160 # 20/40 Brady sand. Total N2-801,000 scf. Total fluid to recover 685 bbls. ATR - 45 bpm & ATP - 2750 psi. ISIP - 650 psi. Flowed back on 2 (1/4") chokes for @ 43 hours.

Released packer & COOH. RIH w/2-3/8" 4.7# tubing , tagged 50' of fill on top of CIBP @ 5210'. Pulled up & set tubing @ 4790' w/ "F" nipple set @ 4757'. ND BOP & NU WH. RIH & retrieved BP in "F" nipple. Swabbed well to pit. RD & released rig 1/15/99. Turned well over to production department.

31-6 #12 Workover Production Increase



API #	31-6 #12	mcf/Month
30-039-07905	Dec-97	2,056
	Jan-98	2,402
	Feb-98	1,598
	Mar-98	2,782
	Apr-98	2,586
	May-98	2642
	Jun-98	2225
	Jul-98	2326
	Aug-98	2225
	Sep-98	2034
	Oct-98	1,939
	Nov-98	2,785
	Dec-98	74
	Jan-99	951
	Feb-99	931
	Mar-99	869
	Apr-99	486
	May-99	463
	Jun-99	330
	Jul-99	354
	Aug-99	373
	Sep-99	238
	Oct-99	247
	Nov-99	217
	Dec-99	161
	Jan-00	133
	Feb-00	1,834
	Mar-00	2,807
	Apr-00	3,506
	May-00	2,283