

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

Form C-140

Revised 06/99

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

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 HYW 64 FARMINGTON, NM 87401							OGRID Number 017654		
Contact Party PATSY CLUGSTON							Phone 505-599-3454		
Property Name San Juan 31-6 Unit					Well Number 13		API Number 30-039-07912		
UL L	Section 4	Township 30N	Range 6W	Feet From The 1770'	North/South Line South	Feet From The 800'	East/West Line West	County Rio Arriba	

II. Workover

Date Workover Commenced: 9/27/99	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 11/27/01	

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/Proration Clerk Date June 27, 2002

SUBSCRIBED AND SWORN TO before me this 27th day of June, 2002.

My Commission expires: 6/13/2003

Notary Public Juanit Fauriel

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 11-27, 2001.

Signature/District Supervisor <u>Charlie T. Fern</u>	OCD District <u>AZTEC III</u>	Date <u>7-02-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Workover Tax Incentive Profile for 31-6 Unit #13

Workover - Added L/S in 1999, then finally D/O CIBP between MV & LS 11/22/01

**API #
30-039-07912**

**4 month average after
pumping unit installed**

**12 month average before
workover**

**Produced 25 months L/S only (running a test)
then D/O CIBP between L/S & Mesaverde**

Month	mcf/month MV	Month	mcf/month L/S	Month	Combined mcf/per month
Sep-98	1,365	Oct-99	925		
Oct-98	690	Nov-99	613		
Nov-98	967	Dec-99	700		
Dec-98	1,105	Jan-00	108		
Jan-99	941	Feb-00	519		
Feb-99	1,621	Mar-00	183		
Mar-99	897	Apr-00	303		
Apr-99	45	May-00	707		
May-99	721	Jun-00	749		
Jun-99	1,051	Jul-00	852		
Jul-99	11	Aug-00	1,122		
Aug-99	0	Sep-00	760		
		Oct-00	705		
		Nov-00	462		
		Dec-00	466		
		Jan-01	558		
		Feb-01	542		
		Mar-01	326		
		Apr-01	286		
		May-01	352		
		Jun-01	434		
		Jul-01	453		
		Aug-01	378		
		Sep-01	402		
		Oct-01	670		
		Nov-01	331		
			535		
				Dec-01	1,186
				Jan-02	1,416
				Feb-02	1,274
				Mar-02	1,270
				Apr-02	1,175
					1,264

785

535

1,264

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF079012

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or
NMNM78421A8. Well Name and No.
SAN JUAN 31-6 UNIT 139. API Well No.
30-039-0791210. Field and Pool, or Exploratory
BLANCO MESAVERDE11. County or Parish, and State
RIO ARriba COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
PHILLIPS PETROLEUM COMPANYContact: PATSY CLUGSTON
E-Mail: pclugs@ppco.com3a. Address
5525 HWY. 64
FARMINGTON, NM 874013b. Phone No. (include area code)
Ph: 505.599.3454
Fx: 505-599-34424. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 4 T30N R6W NWSW 1770FSL 800FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integr
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration of the proposed work. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.)

Details of procedure used to D/O CIBP between Lewis Shale interval from the rest of MV intervals.
(Lewis Shale was added to this well 10/99).

11/22/01

MIRU Key #18. Kill well w/2% KCl. ND WH & NU Bop. PT. COOH w/tubing. RIH w/bit on tubing and C/O fill and then D/O CIBP @ 5180'. Continue to C/O fill to 5757' (PBTD). COOH w/bit. RIH w/2-3/8", 4.7# tubing and set @ 5671' with "F" nipple set @ 5637'. ND BOP, NU WH. Pumped off expendable check. RD & released rig 11/27/01. Turned well back over to production.

DEC 03 2001

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

Electronic Submission #9508 verified by the BLM Well Information System
For PHILLIPS PETROLEUM COMPANY, sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 12/04/2001 ()

Name (Printed/Typed) PATSY CLUGSTON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/30/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ******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 L, 1770' FSL & 800' FWL
Section 4, T30N, R6W

5. Lease Designation and Serial No.

SF-079012

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

8. Well Name and No.

SJ 31-6 Unit #13

9. API Well No.

30-039-07912

10. Field and Pool, or exploratory Area

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

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

TYPE OF ACTION

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

(Note: Report results of multiple completion on V
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 drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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

RECEIVED
BLM
99 OCT 12 PM 3:50
070 FARMINGTON, NM

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

Signed

Falsy Clugston

Title

Regulatory Assistant

Date

10/12/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

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

OCT 11 8 1999

OPERATOR

FARMINGTON FIELD OFFICE
BY *SM*

**San Juan 31-6 Unit #13
SF-079012; Unit L, 1770' FSL & 800' FWL
Section 4, T30N, R6W; Rio Arriba County, NM**

Details of procedure used to add pay and stimulate the Lewis Shale interval within the Mesaverde formation.

9/27/99

MIRU Key Energy #18. Kill well. ND WH & NU BOP. PT - OK. COOH w/tubing. GIH w/4-3/4" bit & scraper to 5200'. COOH. RIH w/5-1/2" CIBP & set @ 5180'. Load hole w/water & PT CIBP & Casing to 500 psi for 30 minutes - good test. RU Blue Jet & ran GR/CCL/CBL from 5183' to 3374' (top of 5-1/2" liner). Good bond. Logged from 3374 to surface. TOC @ 550'. GIH & perforated Lewis Shale interval @ 1 spf .38" holes as follows:

4639' - 4641' (3'); 4470' - 4472' (3'); 4199' - 4201' (3');	4591' - 4593' (3'); 4415' - 4417' (3'); 4165' - 4167' (3');	4553' - 4555' (3'); 4314' - 4316' (3'); 4147' - 4149' (3');	4493' - 4495' (3'); 4209' - 4211' (3'); 4131' - 4133' (3'); 36 holes
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RIH w/FB packer & set @ 4570'. PT - OK. RU BJ to acidize - pumped 1000 gal 15% HCL & ballsealers. Released packer & knocked balls off. COOH w/packer. RU to frac. Set packer @ 3417'. PT - OK. Pumped 65,625 gal of 60 Quality 30# X-link Borate gel N2 foam with 200,000 # 20/40 Brady sand. ATP - 3300 psi, ATR - 45 bpm. ISIP - 583 psi. Flowed back on 1/4" and 1/2" chokes for approx. 31 hrs. RD frac equipment. Released packer & COOH. RIH w/2-3/8" tubing and cleaned out fill. Landed tubing @ 4604' with "F" nipple set @ 4572'. ND BOP & NU WH. PT - OK. Pumped off expendable check. Rig down and released rig 1000 hrs 10/5/99. Turn well over to production department.