

## Energy Minerals and Natural Resources Department

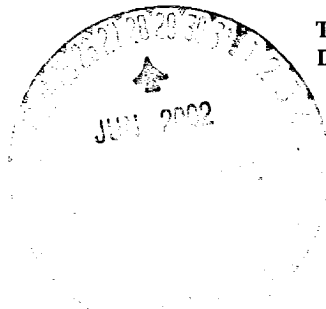
Form C-140

Revised 06/99

**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

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 <b>PHILLIPS PETROLEUM COMPANY</b> <b>5525 Hwy. 64</b> <b>Farmington, NM 87401</b>						OGRID Number <b>017654</b>		
Contact Party <b>Patsy Clugston</b>						Phone <b>505-599-3454</b>		
Property Name <b>San Juan 31-6</b>					Well Number <b>#28</b>	API Number <b>30-039-22751</b>		
UL <b>K</b>	Section <b>34</b>	Township <b>31N</b>	Range <b>6W</b>	Feet From The <b>1560</b> <b>1660</b>	North/South Line <b>South</b>	Feet From The <b>1520</b>	East/West Line <b>West</b>	County <b>Rio Arriba</b>

**II. Workover**

Date Workover Commenced: <b>7/12/01</b>	Previous Producing Pool(s) (Prior to Workover): <b>Mesaverde/Dakota</b>
Date Workover Completed: <b>9/6/01</b>	

**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 San Juan

) ss.

County of New Mexico

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 June 26, 2002

SUBSCRIBED AND SWORN TO before me this 26th day of June, 2002.

My Commission expires: 6/13/2005

Notary Public

Juanita Juarez

**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

9-06-2001

Signature District Supervisor <u>Charlie P. Horn</u>	OCD District <u>AZTEC III</u>	Date <u>07-02-2002</u>
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DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

## Workover Tax Incentive Profile for SJ 31-6 #28

Workover included adding the MV interval to the DK well and then DHCing

API #	Month	mcf/Month DK	mcf/Month MV	mcf/Month Combined production
30-039-22751	Aug-00	5,991		
	Sep-00	4,163		
	Oct-00	8,376		
	Nov-00	5,532		
	Dec-00	2,335		
	Jan-01	2,185		
	Feb-01	7,915		
	Mar-01	4,885		
	Apr-01	3,268		
	May-01	9,133		
	Jun-01	5,977		
	Jul-01	2,362		
12 month average before workover	Aug-01	130		
		<u>4,789</u>		
		Added MV to DK Well		
		Workover completed 8/2001		
		Well put back on line 9/6/01 as DHC		
DHC on 9/6/01	Sep-01	5,193	23,450	28,643
	Oct-01	5,155	17,857	23,012
	Nov-01	5,105	13,027	18,132
	Dec-01	5,062	13,800	18,862
4 month average after the workover			<u>22,162</u>	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 20005. Lease Serial No.  
NMSF078999

6. If Indian, Allottee or Tribe Name

**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: 505-599-34427. If Unit or CA/Agreement, Name and/or No.  
NMNM78421A & B8. Well Name and No.  
SAN JUAN 31-6 UNIT 289. API Well No.  
30-039-2275110. Field and Pool, or Exploratory  
BASIN DK & BLANCO MV

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

Sec 34 T31N R6W Mer NESW 1560FSL 1520FWL

11. County or Parish, and State

RIO ARRIBA COUNTY, NM

**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-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> WRK
	<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 thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**DETAILS OF PROCEDURE USED TO ADD MV PAY TO EXISTING DK WELL**

7/12/01 MIRU Key Energy #40. Killed well. ND WH & NU BOP. PT-OK. COOH w/2-3/8" tubing. RIH w/scraper & tagged & cleaned out fill. RIH w/packer & set @ 7818'. Acidized DK perfs w/1500 gal 7.5 HCl. Released packer. RIH again & cleaned out hole to 8020'-PBTD. Circ. hole. RIH w/retainer & set @ 6210'. PT tbg to 2800 psi OK. Load hole w/H2O and tried to PT casing - no test. RIH w/packer & isolated leak between 1770' & 1785'. COOH. ND BOP & ND WH & speared casing & ran free point & backed off 4.5 casing @ 4954'. COOH w/73 jts. Make up Baker ported sub on 4-1/2" casing and GIH w/70 jts 11.6# J-55 casing & screwed into casing & PT to 1000 psi. Good test. ND BOP, ND WH. Installed Tbg hanger & PT BOP - OK. RIH & opened ported casing port @ 2942' and circ. 125 sx Premium Lite and tailed in 50 sx Type 3 - total slurry 66 bbls and displaced & circ cement up 4.5X annulus w/10.5 bbls H2O. Closed port & pulled up and reversed out 1/2 bbls cement. PU on annulus to 600 psi - held good. COOH.

RIH w/scraper & bit & drilled out cement & strings & then tagged cement retainer @ 6210'. COOH. RU Blue Jet & ran GSL log from

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

Electronic Submission #5973 verified by the BLM Well Information System  
For PHILLIPS PETROLEUM COMPANY, sent to the Farmington  
Committed to AFMSS for processing by Lucy Bee on 08/06/2001 ()

Name (Printed/Typed) PATSY CLUGSTON

Title AUTHORIZED REPRESENTATIVE

Signature

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE****ACCEPTED FOR RECORD**

Approved By

Title

Date AUG 20 2001

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

**FARMINGTON FIELD OFFICE**  
BY

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*****OPERATOR**

From: Jerry Loudermilk on 09/06/2001 04:17 PM  
To: Donna J Wallace/PPCO@Phillips (+Others)  
cc: (none)

Subject: 31-6 #28

The 31-6 #28 was put back on line at 1530 hours on 9-6-01

TUBING 1110 PSI	CASING 1180 PSI	LINE PRESSURE 333 PSI
ESTIMATED GAS 1.5MMCFPD		PLATE SIZE 1.375
METER NUMBER 85747		CYCLE TIME 30 DAYS

This well is producing from the Mesa Verde & Dakota Formations. It is a DHC. Joe Whitley is the operator of the well

The well is flowing into the WFS conventional sysem. The work performed was to repair a bradenhead leak and to add the Mesa Verde to the well. The well needed to be swabbed in order to get it to produce.

## Additional data for EC transaction #5973 that would not fit on the form

### 32. Additional remarks, continued

6210 to 500'. Ran CBL from 6210 to 500'. TOC @ 790'. RIH w/packer & set @ 30'. PT casing to 500 psi - good test. Perforated Mesaverde (Pt. Lookout) @ 1 spf. 5983', 5979', 5976', 5973', 5949', 5922', 5891', 5888', 5885', 5873', 5870', 5867', 5848', 5836', 5817', 5813', 5809', 5793', 5789', 5781', 5778', 5775', 5763', 5758', 5753', 5748', 5743', 5735', 5730', 5725', 5720', 5715', 5710', 5705', 5700', 5695', 5690', = Total 37 holes. Acidized perms w/1000 gal 15% HCL acid.

Perf Menefee & Cliffhouse - 1 spf .38" holes - 5672', 5667', 5662', 5657', 5652', 5644', 5638', 5621', 5618', 5604', 5599', 5594', 5578', 5573', 5559', 5554', 5534', 5529', 5524', 5519', 5509', 5504', 5499', 5494', 5474', 5469', 5464', 5459', 5454', 5449', 5444', 5438', 5432', 5423', 5398', 5227', 5166', total 37 holes. Acidized perms w/1000 gal 15% HCL acid. RU to frac 5166' - 5672'. Pumped 1699 bbbls slickwater & 80,000# 20/40 sand. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. RIH & tagged fill & cleaned out to & drilled out CIBPs @ 5682' & 6210'. Cleaned out to PBTD @ 8020'. COOH. RIH w/2-3/8", 4.7# tubing and set @ 7913'. ND BOP, NU WH. PT - OK. Pumped off expendable check. RD & released rig 8/1/01. Turned well over to production department to deliver as commingled. Will be commingled per DHC 454AZ dated 6/29/01.