

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 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					Well Number #102		API Number 30-039-20365	
UL G	Section 10	Township 29N	Range 6W	Feet From The 1650	North/South Line North	Feet From The 1750	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 12/18/00	Previous Producing Pool(s) (Prior to Workover): Mesaverde/Dakota
Date Workover Completed: 8/29/01	

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 San Juan

) ss.

County of New Mexico

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

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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.

Notary Public

My Commission expires: 6/13/2005

Juanita Laurel

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

8-29, 2001.

Signature District Supervisor <u>Charlie T. Lee</u>	OCD District <u>AZTEC III</u>	Date <u>7-02-2002</u>
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Workover Tax Incentive Profile for SJ 29-6 #102

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

API #	Month	mcf/Month DK	Month	mcf/Month MV	mcf/Month Combined production
30-039-20365	Jan-00	1,648			
	Feb-00	2,425			
	Mar-00	1,938			
	Apr-00	2,393			
	May-00	1,950			
	Jun-00	1,640			
	Jul-00	1,580			
	Aug-00	1,952			
	Sep-00	1,806			
	Oct-00	1,879			
	Nov-00	1,441			
	Dec-00	749			
12 month average before workover		1,783			
			Jan-01	5,484	Flowed MV alone before DHC both zones
			Feb-01	16,851	
			Mar-01	11,406	
			Apr-01	15,357	
			May-01	11,137	
			Jun-01	12,960	
			Jul-01	11,497	
DHC on 8/29/01		7	Aug-01	7,564	7,571
		3,078	Sep-01	12,281	15,359
		3,070	Oct-01	12,063	15,133
3 month average after DHC'ing					12,688

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-1
Revised March 25, 1991

WELL API NO. 30-039-20365	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name: Juan 29-6 Unit 009257	
8. Well No. SJ 29-6 Unit #102	
9. Pool name or Wildcat Basin DK - 71599; Blanco MV - 7231	

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 017654

3. Address of Operator
5525 Highway 64, NBU 3004, Farmington, NM 87401

4. Well Location
Unit Letter G : 1650' feet from the North line and 1750 feet from the East line
Section 10 Township 29N Range 6W NMPM County Rio Arriba

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
6439' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Add Lewis Shale to MV & then DHC DK/MV <input type="checkbox"/>

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

8/22/01. MIRU Key Energy #40. ND WH & NU BOP. PT-OK. COOH w/2-3/8" tubing. RIH w/CIBP & set @ 4900 Load hole & PT -OK. RU Blue Jet & perf'd Lewis Shale interval of MV @ 1 spf .36" holes as follows:

4126'-28', 4154'-56', 4183'-85', 4211'-13', 4394'-96', 4426'-28', 4453'-55', 4523'-25', 4572'-74', 4601'-03', 4647'-49', 4711'-13' Total 36 holes.

Acidized perms w/1000 gal 15% HCl. RU to frac. Frac'd Lewis w/69,000 gal 6 Quality N2 Sfg-3000 foam an 190,0003 20/40 Brown sand. Flowed back on 1/4" and 1/2" chokes. Kill well w/15 bbls & RD flowback equipment. RIH w/mill tagged fill @ 4780'. Cleaned out to CIBP @ 4900'. Milled out CIBPs @ 4900' and 5850'. Circ. GIH to 7802' (fill). Cleaned out fill to PBTD @ 7852'. COOH. RIH w/2-3/8", 4.7# tubing and set @ 7757' with "F" nipple set @ 7744'. ND BOP, NU WH, Pumped of expendable check. RD & released rig 8/29/01. Well returned to production as commingled 8/29/01 per DHC 101AZ.

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 9/10/01
Type or print name Patsy Clugston Telephone No. 505-599-34

(This space for State use)

APPROVED BY STEVEN N. HAYDEN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP 12 2001
Conditions of approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-10
Revised March 25, 19

WELL API NO. 30-039-20365	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
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 #102	
9. Pool name or Wildcat Basin DK - 71599; Blanco MV - 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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Phillips Petroleum Company 017654	
3. Address of Operator 5525 Highway 64, NBU 3004, Farmington, NM 87401	
4. Well Location Unit Letter <u>G</u> : <u>1650'</u> feet from the <u>North</u> line and <u>1750'</u> feet from the <u>East</u> li Section <u>10</u> Township <u>29N</u> Range <u>6W</u> NMPM County <u>Rio Arriba</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6439' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/> OTHER: Added MV pay to existing DK well

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached for the details of the procedure used to add MV pay to the existing DK well. Only the Pt Lookout, Menefee & Cliffhouse intervals were completed at this time. We will flow test these intervals first, before returning and adding the Lewis Shale interval of the Mesaverde and then drilling out the CIBP between the MV and DK and commingling production.

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 1/12/01

Type or print name Patsy Clugston Telephone No. 505-599-3

(This space for State use)

APPROVED BY DATE TITLE DATE

Conditions of approval, if any:

San Juan 29-6 Unit #102
Fee, API-30-039-20365
Unit G, 1650' FNL & 1750' FEL
Section 10, T29N, R6W; Rio Arriba County, NM

Details of procedure used to add MV pay to the exiting Dakota well.

12/18/00

MIRU Key Energy #40. Killed well w/2% KCl. ND WH & NU BOP. PT-OK. COOH w/1-1/2" tubing. RIH w/bit & scraper to 5903'. COOH. RIH w/CIBP & set @ 5850'. Load hole & PT CIBP & casing to 500# for 10 minutes. Good test. COOH. Blue Jet ran GR/CCL/CBL from 5844' to 2500'. TOC @ 4050'. RIH w/FBP & set 2 61'. TP casing to 2500 #. OK. COOH w/packer. Perforated Pt. Lookout w/1 spf .36" holes as follows:

5655'-5657' (3'); 5637' - 5639' (3'); 5630' - 5632' (3'); 5612' - 20' (9'); Total 18 holes

Acidized perms w/750 gal 15% HCL & ballsealers. Released FBP & knocked balls off. RU to frac. Pumped 13,944 gal 70 quality Linear gel + 623,000 scf N2 & 22,005# 20/40 sand. ATP-2417' & ATR - 40 bpm. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment.

RIH w/CIBP & set @ 5580'. PT - OK. Perforated Menefee @ 1 spf .36" holes as follows:

5554' - 56' (3'); 5546'-48'(3'); 5409'-11'(3'); 5377'-79' (3'); 5360'-62' (3'); 5323'-25' (3');

Acidized perms w/750 gal 15% HCL & ballsealers. RU to frac. Pumped 310 bbls 70 Quality Linear gel + 565,000 scf N2 + 22,233# 20/40 Sand. ATP - 2600#, ATR- 45 bpm. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. RIH w/CIBP & set @ 5283'. PT-OK. Perf'd Cliffhouse @ 1 spf.36" holes as follows:

5240'-42' (3'); 5226'-34'(9'); 5212' - 5218' (6'); Total 18 holes

Acidized perms w/500 gal 15% HCL & ballsealers. Knocked balls off. RU to frac. Pumped 24,900 gal 70 Quality N2 foam consisting of 7,470 gal 20# Linear gel & 311,500 scf N2. Pumped 16,000# 20/40 proppant. ATR-45 bpm, ATP - 2400#. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment.

RIH w/mill and drilled out CIBP @ 5280' and cleaned out to CIBP @ 5580' (left this CIBP in). Circ. hole. RIH w/ 2-3/8" tubing and set @ 5647' with "F" nipple set @ approx. 5614'. Installed BPV and then ND BOP & NU WH. Removed BPV. Pumped off exp. check. RD & released rig 1/6/01.