

I. Operator and Well

Operator name & address Phillips Petroleum Co. 5525 Hwy 64 Farmington, NM 87401							CC&B Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-6 Unit					Well Number 11		API Number 30-039-07640	
UL M	Section 7	Townshi P 29N	Range 6W	Feet From The 850'	North/South Line South	Feet From The 850'	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 6/24/99	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 7/3/99	

- 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 6-22-00
SUBSCRIBED AND SWORN TO before me this 22 day of June, 2000.

Gillian Armenta
Notary Public

My Commission expires: 10/2/2003

 OFFICIAL SEAL
GILLIAN ARMENTA
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
MY COMMISSION EXPIRES 10/2/2003

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 2/7/99.

Signature District Supervisor	OCD District	Date
<i>[Signature]</i>	3	9/1/00

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. 30-039-07640	
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 #11	
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 ☐ GAS WELL ☒ 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 M : 850 Feet From The South Line and 850 Feet From The West Line
Section 7 Township 29N 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 CEMENT JOB ☐
OTHER: Add pay and stimulate ☒

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.

See attached for the procedure used to add additional perfs and stimulate the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

RECEIVED
JUL 16 1999
OIL CON. DIV.
DIST. #3

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 7/14/99
TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE AUG 02 1999

CONDITIONS OF APPROVAL, IF ANY:

**Sar Juan 29-6 Unit # 11
 Fee; Unit M, 850' FSL & 850' FWL
 Section 7, T29N, R6W; Rio Arriba County, NM**

Procedure used to add pay and stimulate the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

6/24/99

MIRU Key Energy #40. Kill well. ND WH & NU BOP. PT - OK. COOH w/2-3/8" tubing. GIH & cleaned out fill to PBTD w/air mist. COOH. RU wireline & set CIBP @ 5412'. Perforated Menefee interval w/.31" dia holes @ 1 spf as follows:

5397',	5394',	5393',	5337',	5329',	5327',	
5320',	5306',	5294',	5291',	5270',	5245',	
5237',	5219',	5215',	5211',	5194',	5191'	Total 18 Holes

RIH w/4-1/2" FB packer, spotted 200 gal 15 % HCL across perfs. & then set packer @ 5373'. RU to acidize perfs. Pumped 333 gal 15% HCL & ballsealers, followed by 2% KCL water. Released packer & knocked balls off. COOH w/packer. RIH w/4-1/2" CIBP & set @ 4980'. PT - OK. Ran GR/CCL/CBL from 4890' to surface. TOC 4330'. GIH & shoot 3 (.31" dia) squeeze holes @ 4275'. RIH w/cement retainer & set @ 4230'. PT - OK. 6/25/99 - pumped 65 sx Class H w/2% CaCl₂ @ 15.6 ppg, 1 yield of 1.2. Displaced with 15.5 bbls water. Sting out retainr & reversed out 1 bbls cement. COOH. RIH w/3-7/8" bit & tagged cement @ 4220'. Drilled cement, retainer & cement to 4275'. PT casing, squeeze & rams to 500 psi - 30 minutes. OK. Rolled hole w/90 bbls 2% KCl.

RU to perf Lewis Shale @ 1 spf (.38" dia) 120 degree phased holes as follows (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4021').

4275' - 4278' (3');	4328' - 4331' (3');	4406' - 4409' (3');	4440' - 4443' (3');;
4477' - 4480' (3');;	4519' - 4522' (3');;	4540' - 4543' (3');;	4589' - 4592' (3');;
4690' - 4693' (3');;	4733' - 4736' (3');;	4815' - 4818' (3');;	4847' - 4850' (3') Total 36 holes

Spotted 125 gal of 15% HCL acid over perfs.. RIH w/4-1/2" FB packer & set @ 4090'. Attempted to establish injection rate to acidize well. Took 2400 gals of 15% HCL acid & ballsealers, & 20 bbls KCL in 3 different stages. Packer released and balls knocked off after each. RU to frac. Pumped 75,810 gal 60 Quality N2 30# X-link borate foam w/201,000 # 20/40 Brady sand tagged with .43 millicuries/1000#s SD of Iridium 192. Total N2 - 883,000 scf. Total fluid to recover 722 bbls. ATR-45 bpm, ATP - 2950 psi. ISIP 360 psi. Flowed back on 1/4" and 1/2" chokes for approx. 26 hrs.

Released packer & COOH. RIH w/lockset BP & set @ 300'. Test BP & tubing head. Had slight bled off, repaired head. PT to 1500 psi- OK. Released BP & COOH. RIH w/bit & cleaned out to CIBPs @ 4980' & 5214'. Drilled out both. Chased debris to 5627' (new PBTD). COOH. RIH w/2-3/8" tubing and set tubing @ 5490' w/"F" nipple set @ 5464'. ND BOP & NU WH. PT - OK. Pumped off expendable check. RD & released rig 7/3/99. Turned well over to production department.

29-6 #11 WORKOVER PRODUCTION INCREASE

