

NEW MEXICO
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 S. First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

NEW MEXICO
 Energy Minerals and Natural Resources Department
 Oil Conservation Division
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505
 (505) 827-7131

Form C-140
 Revised 06/99

SUBMIT ORIGINAL
 PLUS 2 COPIES
 TO APPROPRIATE
 DISTRICT OFFICE

APPLICATION FOR
 WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Phillips Petroleum 5525 Hwy. 64 Farmington, NM 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-5 Unit					Well Number 53M		API Number 30-039-25481	
UL O	Section 32	Township 29N	Range 5W	Feet From The 978'	North/South Line South	Feet From The 1611'	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 9/22/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde / Dakota
Date Workover Completed: 10/2/98	

- 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:

- 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 Regulatory Assistant Date 7/15/99
 SUBSCRIBED AND SWORN TO before me this 15th day of July, 1999.

My Commission expires: _____

William Armenta
Notary Public

RECEIVED
 AUG 04 1999
 OIL CONSERVATION DIV.
 DIST. 3

OFFICIAL SEAL
 GILLIAN ARMENTA
 NOTARY PUBLIC - NEW MEXICO
 Notary Bond Filed with Secretary of State
 MY COMMISSION EXPIRES 10-2-99

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 10/2/98.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>8/12/99</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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

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

WELL API NO.
30-039-25481

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

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 <input type="checkbox"/>	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 <u>0</u> : <u>978'</u> Feet From The <u>South</u> Line and <u>1611'</u> Feet From The <u>East</u> Line	
Section <u>32</u> Township <u>29N</u> Range <u>5W</u> 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 <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: _____ <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <u>Add Lewis pay & then commingle all prod.</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <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.

The subject well was completed as a dual MV & DK well in 11/95. See attached for the procedure used to add Lewis Shale pay to the existing Mesaverde interval.

As of 10/6/98 the production from both the Dakota and Mesaverde zones has been commingled per DHC-1972 Order approved June 24, 1998.

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 verd DATE 10/8/98
TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

ORIGINAL SIGNED BY ERNE BULLI

DEPUTY OIL & GAS INSPECTOR, DIST. #1

OCT 9 1998

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

San Juan 29-5 Unit #53M
Fee; Unit Letter O, 978' FSL & 1611' FEL
Section 32, T29N, R5W; Rio Arriba County, New Mexico

Procedure used to add pay & stimulate the Lewis Shale interval in the existing Mesaverde zone of the dual Mesaverde and Dakota well.

9/17/98

Dart dropped on 1-1/4" tubing side & seated in .75" profile nipple & installed a BPV in both seal assemblies. ND WH & NU offset spool. RU coiled tubing over WH. POOH-spilling up 5662' of 1-1/4" coiled tubing. RD coil tubing unit. Installed BPV in MV seal assembly. NU tubing head. Pull BPVs on both sides.

9/22/98

MIRU Big A #29. ND WH & NU BOPs. Unseat packer bore seal. COOH w/240 jts of 2-3/8" tubing. Had to fish packer and tailpipe. Milled on 3-1/2" DC & cleaned out from 7740' - 7783'. Milled ahead to 7842' (as far as could get).

RIH w/5-1/2" RBP & set @ 5100'. RU BJ. Load hole & PT casing to 2000 psi - held 30 min. Circulated 10 gal of sand on top of RBP. RU Blue jet & perf'd .38" holes @ 1 spf as follows:

4709' - 4712' (3');	4695' - 4698' (3');	4663' - 4666' (3');	4621' - 4624' (3');
4595' - 4598' (3');	4583' - 4586' (3');	4571' - 4574' (3');	4493' - 4496' (3');
4471' - 4474' (3');	4457' - 4460' (3');	4444' - 4447' (3');	4434' - 4437' (3');
4224' - 4227' (3');	4186' - 4189' (3');	4154' - 4157' (3');	Total 45 holes

RIH w/5-1/2" FB Packer & set @ 3976'. RU BJ and acidized with 1500 gal of 15% HCL & ballsealers. Release packer & POOH. Recovered balls with junk basket. RIH w/packer & set @ 60'. PT - OK. RU to frac Lewis Shale. Pumped 63,969 gal of 60 Quality N₂ foam consisting of 31,920 gal of 30# X-link gel & 791,000 scf of N₂ gas. Pumped 4200 gal pad followed by 202,440 # of 20/40 Brady sand. ATP - 2850 psi and ATR - 55 bpm. ISDP-600 psi. Flowed back immediately on 1/4" choke for approx. 36 hrs. Unset packer & POOH. RIH cleaned out to 5100'. Latched on to RBP & released. Circulated bottoms, COOH. RIH w/2-3/8" tubing cleaned out fill. Landed tubing @ 7748' with "F" nipple @ 7715'. ND BOP & NU WH. PT - OK. Pumped off check. RD & MO 10/2/98. Turned well back over to production department.

API #	29-5 #53M	MCF/Month	
30-039-25481	Oct-97	3,962	
	Nov-97	4,283	
	Dec-97	4,395	
	Jan-98	3,956	
	Feb-98	2,194	
	Mar-98	4,126	
	Apr-98	3,025	
	May-98	2,707	
	Jun-98	2,978	
	Jul-98	3,713	
	Aug-98	2,925	
	Sep-98	1,317	
	WORK OVER →	Oct-98	7,472
		Nov-98	6,496
		Dec-98	5,696
		Jan-99	7,181
		Feb-99	9,276
		Mar-99	11,306
		Apr-99	7,763
	May-99	9,128	
	Jun-99	8,207	

29-5 #53M Workover Production Increase

