Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

MAY 2001
RECEIVED
OIL CON. DIV
DIST. 3

5. Lease Serial No.
NM-031886

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
San Juan 29-5 Unit

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SJ 29-5 Unit #64

2. Name of Operator
Phillips Petroleum Company

9. API Well No.
30-039-20711

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

3b. Phone No. *(include area code)*
505-599-3454

10. Field and Pool, or Exploratory Area
Basin Dakota and
Blanco Mesaverde

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Unit N, 1180' FSL & 1460' FWL
Section 21, T29N, R5W

11. County or Parish, State
Rio Arriba, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Added MV to DK & commingled, Also DHC data
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Coomnpleted 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 recomplete 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 recompletion 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 final site is ready for final inspection.)

See attached for the details of the procedure used to add the MV pay to the existing Dakota well and then cleaned out to PBTD and commingled production. This well was commingled and returned to production on 3/27/01.

Will commingle this well per DHC Order 11363. The Dakota forecast is the following:

1st month - 4,464	2nd month - 4,309	3rd month - 4,440	4th month - 4,286
5th month - 4,417	6th month - 4,405	7th month - 7,251	8th month - 4,382
9th month - 4,229	10th month - 4,358	11th month - 4,347	12th month - 3,916

We will utilize the subtraction method for approx. 12 months and then convert to the ratio method for the life of the well. The Dakota perfs are between 7978'-8076' and the pore pressure is 1700 psi. The Mesaverde perfs are between 4400'-6000' and the pore pressure is 750 psi. The original reference case where partner notificaton was made was R-10770. The OCD will receive this sundry for DHC details.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* Patsy Clugston

Title Sr. Regulatory/Proration Clerk

Date 3/27/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date MAY 24 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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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 statements or representations as to any matter within its jurisdiction.

San Juan 29-5 Unit #64
NM-03188; 30-039-20711
Unit N, 1180' FSL & 1460' FWL, Sec. 21, T29N, R5W
Rio Arriba County, NM

Details of the procedure used to add MV pay to existing DK well.

3/7/01
LO/TO location. MIRU Key Energy #40. Kill well w/2% KCl. ND WH & NU BOP. PT-OK. COOH w/tubing. RIH w/4-1/2" CIBP & set @ 6125'. Load hole & PT to 500 psi. Good test. COOH. Blue Jet ran GR/CCL/CBL from 6120' – 3117'. Showed no cement behind casing. Perforated 3 .3" holes @ 6022'. RIH w/cement retainer & set @ 5985'. PT-OK. RU to cement. Pumped Lead – 50 sx 119 cf – Type 3 35/65 POZ w/6% gel w/10#/sx CSE, w/3% KCl, w/0.4% FL-25, w/0.2% Static Free. Tail – 58 sx (81 cf) Type 3 Neat cement w/2% CaCl2. Displaced w/22.5 bbls water. Stung out of retainer & reversed out 1 bbl cement. Plug down @ 1722 hrs 3/9/01. RD cementers. COOH. Ran GR/CCL/CBL from 5790' – 5000'. TOC @ 5780'.

RIH & perf'd 3 .34" holes @ 5100'. RIH w/cement retainer & set @ 5042'. PT-OK. Squeezed L- 50 sx (118 cf) Type 3 35/65 cement w/6% gel w/10#/sx CSE, w/3% KCl, 3/0.4% FL-25, w/0.2% Static free. Tail – 50 sx (67 cf) Type 3 Neat w/2% CaCl2. Displaced w/19 bbls water. Stung out of retainer & reversed out 1 bbl cement. Plug down @ 1710 3/10/01. RD cementers. COOH. WOC.

RiH w/bit to 5039'. Drilled out 3' cement above retainer @ 5042' & 70' cement from 5042' – 5112'. Tagged 2nd retainer @ 5985'. Rolled hole w/2% KCL & ran GR/CCL/CBL-GSL with TOC @ 4950'. PT casing/squeeze holes @ 5100' to 1100 psi. Blue Jet perf'd Mesaverde @ 1 spf .36" holes as follows:

5926', 5894', 5869', 5826', 5822', 5815', 5767', 5761', 5676', 5669',
5642', 5611', 5595', 5579', 5568', 5534', 5517', 5507', 5497', 5460', = 20 holes

RIH w/FBP & set @ 5234'. Acidized perfs w/1000 gal 15% HCl. Released Pkr. Stradled squeeze holes wpacker assembly. COOH. RU to frac. Pumped 120,000 gal 70 Quality Nitrogen 30# X-link gel foam w/200,700# 20/40 sand. Total 1500 mscf Nitrogen. Flowed back on ¼" and ½" chokes. RD flowback equipment. RIH & C/O sand around Packer @ 5090'. Released packer & COOH. RIH w/4-1/2" Baker N-1 CIBP & set @ 5037'. PT-OK. COOH. Perf'd 3 .34" holes in casing @ 4400'. RU to squeeze. Pumped 32 sx (44 cf) Type 3 cement. Displaced w/14 bbls water. Reversed out 1 bbls cement. Hesitate & block squeeze 5.5 bbls cement away to 1350 psi. WOC.

RIH w/bit & drilled out 112' cement from 4298' – 4410'. PT casing & CIBP @ 5037 & squeeze holes @ 4400' to 500 psi. OK. RIH w/bit & tagged CIBP @ 5037'. Roll hole w/2% KCl. COOH w/bit. Blue Jet ran GR/CCL/CBL & log from 5022' – 4200'. TOC from 2nd squeeze @ 4950' and TOC from 3 squeeze @ 4340'. Blue Jet perf'd Lewis Shale @ .34" holes @ 1 spf as follows:

4993', 4950', 4936', 4903', 4883', 4873', 4862', 4852', 4836', 4822',
4812', 4739', 4700', 4687', 4678', 4669', 4660', 4464', 4432', 4422', 20 holes total

RIH w/FBP & set @ 4925'. Acidized perfs/w1000 gal 15% HCl. Released packer. Frac. Lewis Shale w/73,500 gal 60 Quality Nitrogen 30# X-link gel foam w/187,653# 20/40 sand & total 795 mscf N2. Flowed back on ¼" and ½" chokes. RD flowback equipment. RIH w/mill & C/O fill to CIBP @ 5037'. Drilled out. C/O to 2nd CIBP @ 5985'. Drilled out cement from 6020 – 6032'. Dropped down to CIBP @ 6125'. Milled on plug. Then cleaned out to 8080' (new PBTD). Circ. hole. GIH w/2-3/8" 4.7# tubing and set @ 8032' with "F" nipple set @ 7999'. ND BOP & NU WH. Pumped off check. RD & released rig 3/24/01. Turned well over to production to first deliver.