

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

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

Unit L, 2460' FSL & 850' FWL
Ssection 33, T29N, R6W

5. Lease Designation and Serial No.

SF-080596

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #88

9. API Well No.

30-039-07491

10. Field and Pool, or exploratory Area

Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Other - Add MV pay & commingle | <input type="checkbox"/> Dispose Water |
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well is a Dakota well that we have added Mesaverde pay to and stimulated. See attached for the procedure used.

Plans are to flow the Mesaverde interval until the pressure stabilizes. We will then drill out the CIBPs and cleanout to PBTD, rerun tubing and then commingle production from both pools. The individual well commingling application has been approved. Commingling from both pools will be done per DHC Order # 2533 dated 12/13/99.

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

Signed

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

12/30/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, 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.

* See instruction on Reverse Side

NMOC

FARMINGTON FIELD OFFICE
JAN 19 2000

San Juan 29-6 #88
SF-080596; Unit L, 2460' FSL & 850' FWL
Section 33, T29N, R6W; Rio Arriba County, NM

Details of the procedure used to add MV pay and stimulate.

11/20/99

MIRU Key Energy #40. Kill tubing w/30 bbls 2% KCL. ND WH & NU BOPs. PT - OK. COOH w/tubing. RIH w/4-1/2" scraper to 7685' (PBSD). RIH w/4-1/2" CIBP & set @ 7400'. Load hole & PT casing, rams to 1000 psi for 30 minutes - Held Good. COOH w/2-3/8" tubing. RU Blue Jet & ran GR/CCL & CBL from 7390' - surface. TOC - 7200'+. Bottom stage tool @ 5622'. Top stage Tool @ 3440'. ND BOPs. PT casing, wellhead leaking. Replaced valve. PT - OK. RU Blue Jet & perforated Pt. Lookout @ 2 spf .36" holes.

5581' - 5583' (3'); 5487' - 5489' (3');	5555' - 5557' (3'); 5460' - 5462' (3');	5494' - 5496' (3'); Total 15 holes
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RU BJ to acidize. Pumped 750 gal 15% HCL & ballsealers. Retrieved balls. RU Blue Jet & ran RBP & set @ 5160'. RU Blue Jet & perforated Cliffhouse @ 1 spf. 36" holes as follows:

5116' - 5118' (3'); 5066' - 5068' (3');	5098' - 5100' (3'); 5052' - 5054' (3');	5086' - 5088' (3'); Total 15 holes
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BJ pumped 750 gal 15% HCl & ballsealers. Retrieved balls. 12/16/99 - Ran BHPBs & BHP @ 5085' - 783 psi. Killed well w/25 bbls water. RD flowback equipment. NU BOP. RIH w/4-1/2" Ret head & tagged top of CIBP @ 5160'. COOH. RIH again w/Ret head & released RBO @ 5410'. COOH. ND BOP & NU WH. RU BJ to frac well. Pumped 137,172 gal 2% KCL slickwater w/72,700 # 20/40 Brady sand. ATP - 2150 psi, ATR - 62 bpm. ISIP - well on vacuum. RD BJ. NU isolate tool & NU BOP.

RIH w/2-3/8" tubing and cleaned out fill to 7266'. COOH. Break circulation w/air mist & blow well to pit. Naturally flowed well & then had to break circulation & blew well to pit. PUH & land tubing @ 5556' with "F" nipple set @ 5523'. ND BOP & NU WH. PT - OK. Pumped off expendable check. RD & released rig 12/22/99/ Turned well over to production to first deliver Mesaverde only. Once pressure stabilizes will commingle Dakota and Mesaverde production per DHC Order 2533 dated 12/13/99.

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, 2000

5. Lease Serial No.

SF-080956

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #88

9. API Well No.

30-039-07491

10. Field and Pool, or Exploratory Area

Basin Dakota and
Blanco Mesaverde

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			
<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"/> Other <u>Add L/S to</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>MV zone & then</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>commingle DK/MV</u>

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 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.)

The MV interval was added to the subject DK well in Dec. 1999. See attached for details of the procedure used to squeeze cement behind casing before Lewis Shale interval was completed and then bridge plugs were drilled out and tubing set to downhole commingle the MV/DK zones. The well will be DHC per DHC Order # 2533 which was approved Dec. 13, 1999. The well was commingled on 9/8/00.

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

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

9/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

ACCEPTED FOR RECORD

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

OCT 19 2000

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.

FARMINGTON FIELD

NMOC

San Juan 29-6 Unit #88
SF-080956; API – 30-093-07491
Unit L, 2460' FSL & 850' FWL; Section 33, T29N, R6W
Rio Arriba County, NM

**Details of procedure used to add the Lewis Shale interval to the MV zone and
then commingle DK/MV production.**

8/26/00

MIRU Key Energy #32. ND WH & NU BOP. PT – OK. COOH w/2-3/8" tubing. GIH w/4-1/2" CIBP & set @ 4800'. Load casing w/2% KCL & PT casing and CIBP to 2000 psi, 30 min. OK. COOH. RIH w/Blue Jet wireline & shot 2 squeeze holes in casing @ 3980'. GIH w/4-1/2" cement retainer & set @ 3933'. Pumped 75 sx CI H cement. Displaced with 15.3 bbls water. Hesitate squeezed perfs. Reversed out 5 sx cement to surface. COOH w/tubing and cement stinger. WOC.

GIH w/bit & drilled out cement retainer & 49' of cement. PT casing to 500 psi, - OK. COOH. Perforated Lewis Shale @ 1 spf .36" holes as follows:

4604' – 4606' (3');	4592' – 4594' (3');	4531' – 4533' (3');	4504' – 4506' (3');
4424' – 4426' (3');	4318' – 4320' (3');	4292' – 4294' (3');	4252' – 4254' (3');
4068' – 4070' (3');	4036' – 4038' (3');	4014' – 4016' (3');	4000' – 4002' (3'); Total 36 holes

RIH w/FBP & set @ 4547'. Acidized perfs w/1000 gal 15% HCL w/corrosion inhibitor and ballsealers. Knocked balls off. COOH w/packer. RU to frac. Pumped 30,366 gal 60 Quality N2 foam, 8506 scf N2 and foam pads w/204,960 # 20/40 Brown sand. APR – 46 bpm, ATP – 2100 #. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. RIH w/bit & cleaned out fill to CIBP @ 4800', and then cleaned out to CIBP @ 7400'. Cleaned out to PBTD @ 7685'. COOH w/bit. RIH w/2-3/8", 4.7# tubing and circ hole. PU & landed tubing @ 7550'. ND BOP & NU WH. PT – OK. Pumped off expendable check and RD & released rig 9/7/00. Turned well over to production to commingle.