

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 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

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

Unit H, 1650' FNL & 990' FEL  
Section 21, T-29-N, R-6-W

5. Lease Designation and Serial No.

SF-080379-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

#91

9. API Well No.

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, N.M.

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

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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.)\*

See attached for procedure used to repair casing leak on the above mentioned well.

The procedure was discussed with Wayne Townsend on 1/25/94.

**RECEIVED**  
MAR 14 1994  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
94 JAN 26 PM 3:53  
070 FARMINGTON, NM

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

Signed Ed Hasely Ed Hasely Title Environmental Engineer

Date 1-25-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

**ACCEPTED FOR RECORD**

Date \_\_\_\_\_

**MAR 04 1994**

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 statement or representation or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

\*See Instruction on Reverse Side

BY MM

MMCCD

Casing Repair on San Juan 29-6 #91

MIRU Drake 28 on 1/3/94 to repair casing leak. RIH and set CW choke at 1000'. ND tree, NU and test BOP stack. Release packer and POOH w/2-3/8" tubing. RIH w/bit and scraper to top of perfs. RIH 4-1/2" RBP and set at 7500' on wireline. PT to 1500 psi (OK). RIH w/Model R-3 packer and RBP and set at 7420' and 7450' respectively. PT to 1500 psi (OK). Pull up hole and found leak at 356'. Release BP at 7450'. Pull up hole and reset at 450' and set packer at 350'. PT RBP to 1500 psi (OK). RIH and perforated 3 .42" dia 120° phased holes, in casing at 335'. Established injection rat at 2 bbls min. at 100 psi.

Mixed and pumped 150 sx Class "B" 3% CaCl<sub>2</sub> and pumped at 1.5 bpm. Circulated 2 bbls to surface. Shut in bradenhead and squeezed 4 bbls cement to 1100 psi. Released packer and POOH. RIH and tagged cement at 160'. Drilled firm cement from 160-341' and tagged an obstruction at 367'. Pressure tested casing to 600 psi. Bled off to 525 psi in 45 min. POOH & RIH w/BP retrieveing tool, could not get below 367'. RIH w/casing swedge and swedged out tight spot in casing from 367' to 382'. Circ & cleaned out sand to top of bridge plug @ 450'. POOH. RIH to retrieve BP at 450' and 7500'. Cleaned out well to 7675'. RIH w/2-3/8" N-80 tubing and set at 7578' and R-3 Packer set 7444' w/12,000 lbs compression. Filled annulus w/packer fluid and PT to 300 psi. Pressure bled off from 300 psi to 0 in 3 min. Repressured 6 times with no indication of fluid loss, packer leak or bradenhead leak, but would not hold pressure. Swab fluid level from 3000' to 6500'. Flowed well to pit w/no indications of packer leak. No pressure on bradenhead. ND BOP's and NU and tested WH to 3000 psi. (OK). RD and released rig.

Will monitor well for any indication of casing or bradenhead leak.

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☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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.)\*

MIRU rig to repair casing leak. ND Tree, NU & test BOPs. Release packer & POOH w/tubing. RIH w/RBP & Packer and isolate leak. Perforate casing if can't squeeze. Mix & pump 150 sx Class B cement and circulate to surface. Shut in bradenhead and squeeze cement to 1100 psi. Release packer & POOH. RIH to retrieve BP's. Clean out well. RIH w/2-3/8" N-80 tubing and set. Fill annulus w/packer fluid and PT to 300 psi. ND BOP's and NU and test WH to 3000 psi. RD & release rig and turn back over to production.

This procedure was discussed with Wayne Townsend on 1/25/94.

RECEIVED  
BLM  
94 FEB 25 AM 11:36  
070 FARMINGTON, NM

RECEIVED  
MAR 1 4 1994  
OIL CON. DIV.  
DIST. 3

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

Signed Ed Hasely

Title Environmental Engineer

Date 2-24-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_

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Title \_\_\_\_\_

APPROVED

MAR 04 1994

DISTRICT MANAGER

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\*See Instruction on Reverse Side