

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)

975' FNL & 1770' FEL
Section 6, T29N, R5W

5. Lease Designation and Serial No.

SF-078410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 Unit #19

9. API Well No.

30-039-07707

10. Field and Pool, or exploratory Area

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

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Trouble shooting
- ☐ Change of Plans
☐ 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.)*

This well had Lewis Shale pay added to the existing Mesaverde zone back in February 1997 (see sundry dated 2/18/97). While attempting to put well on line, noted loss of casing and tubing pressure. See the attached for the procedure used in an attempt to located and fix the problem.

THIS FORM EXPIRES JAN 01 1998

OIL COM. DIV.
DIST. 3
OCT 27 1997

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

Signed

Foley Clayton

Title Regulatory Assistant

Date

9-30-97

(This space for Federal or State office use)

Approved by

/S/ Duane W. Spencer

Title

Date

OCT 29 1997

Conditions of approval, if any:

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

NMOCD

**San Juan 29-5 #19
SF-078410; 975' FNL & 1770' FEL,
Sec. 6, T29N, R5W, Rio Arriba County, NM**

Procedure used to determine downhole problem and correct.

8/19/97

MIRU Big A #7. ND WH & NU BOPs. Test - OK. MIRU wireline & RIH - found tubing stuck @ 4755'. GIH w/chemical cutter & cut tubing @ 5374 & 4730'. POOH w/tubing. NU bottomhole assembly. Wash over fill to packer @ 4734'. COOH. NU overshot. GIH w/overshot & recovered #1 fish (tubing). Fish #2 left in hole. RIH & set RBP @ 4370'. Ran GR-CCL-CBL. No cement behind 5-1/2" casing from 4360' to liner top @ 3852'. TOC @ 3650'.

RIH & set packer & tested casing to isolate leak. Leak found in 7-5/8" casing from 2830' to 1850'. BJ spotted 30 bbls cement (168 cuft) Class B neat from 2817' - 2181'. PUH & spotted 30 bbls (168 cf) Class B neat from 2181' to 1546'. PUH & reversed 1 bbl cement to pit. PUH & closed pipe rams & well. Displace 10.5 bbls in 1 hr. Final hesitation squeeze pressure 500 psi. RD BJ. WOC 12 hrs. Load hole w/27 bbls KCL water & PT to 500 psi. Bled to zero in 10 min. RIH w/bit & tagged hard cement @ 1987'. PT & found hole. Drilled out remaining cement and ran GR-CCL-CBL from 3950' to surface.

RIH w/squeeze gun & perf'd 6 holes @ 3400' at top of coal. COOH. RIH w/packer & set @ 2977'; RU BJ & ran test to establish injection rate. Pumped 2 bbls water ahead & then pumped 60 sx (12.7 bbls) Class B cement w/2% CaCl₂. Displaced with 27 bbls water. PT to 1000 psi - held -OK.

Release packer & COOH to 2027'. Reset packer & test below packer to 500 psi. No bled off. Good test. Load annulus & test casing to 500 psi. Bled down to 0 in 10 min. Released packer & COOH.

GIH w/2-3/8" tubing OE to 1960'. RU BJ to spot cement plug across leak. Pumped 10 bbls water ahead and pumped 6 bbls cement (30 sx Cl B w/1% CaCl₂ -35.4 cf). Displaced w/6.5 bbls water. PUH 3 stands. Reversed circ to pit 1/2 bbl cement. Hesitate 1.3 bbls cement into leak to 500 psi. Left 500 psi well.

RIH w/bit & tagged cement @ 1864. Drilled out to 1960' & circ. clean. PT casing to 500 psi - no bled off - good test. RIH & drilled out cement to 3390'. Circ. hole clean. Drilled 50' & PT to 390 psi - lost 110 psi in 10 min. GIH w/7-5/8" packer to 2977'. PT down tubing & backside, no test. COOH w/packer & SI. GIH & retrieved RBP. RIH w/mills and milled down 8' to 5376' over top of packer (fish #2). COOH w/packer. Cleaned out to PBTD @ 5964'. Circ hole with air. RIH w/5-1/2" Baker R3 packer, 2-3/8" tubing. Set tubing @ 5807' and R-3 packer set in 5-1/2" liner @ 3868'. Rig down and released rig 9/16/97.

Note: Since the casing failed the integrity test a packer was placed in the hole temporarily. Phillips would like to flow test the Lewis Shale to determine if it is feasible to spend anymore money trying to repair the casing. If it is determined to be economical the casing will be repaired. If it is not the well will be plugged and abandoned.

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This well had Lewis Shale pay added to the existing Mesaverde zone in February 1997 (see sundry dated 2/18/97). While attempting to put well on line, we noted a loss in casing and tubing pressure. Plans are to locate the problem and if a casing leak is indicated, perforate squeeze holes and squeeze the leak with a sufficient amount of cement to correct any problems found.

RECEIVED
BLM
OCT 20 PM 2:28
070 FARMINGTON, NM

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

Signed Ruby Clayton Title Regulatory Assistant

Date 9-30-97

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title _____ Date OCT 22 1997

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