

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)

1160' FSL 7 1700' FWL
Section 10, T31N, R8W

N

5. Lease Designation and Serial No.

SF-079004

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 32-8 Unit

8. Well Name and No.

SJ 32-8 #5

9. API Well No.

30-045-10850

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan, 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 Sidetracked well
☐ 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.)*

The abovementioned well has been sidetracked. See the attached for the procedure used to repair the casing leak and sidetrack well.

RECEIVED
NOV 20 1996

OIL CON. DIV.
DIST. 3

RECEIVED
OIL CON. DIV.
NOV 15 1996

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

Signed Patsy Clugston

Title Regulatory Assistant

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

NOV 15 1996

11-8-96
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.

FARMINGTON DISTRICT OFFICE

* See Instruction on Reverse Side

NMOC

San Juan 32-8 #5
SF-079004, 1160' FSL & 1700' FWL
Section 10, T31N, R8W, San Juan County, NM

Procedure Used to Repair Casing Leak and Sidetrack

9/23/96

MIRU Big A #18. ND WH & NU BOP. Work stuck pipe out of hole. 360' of 1-1/4" pipe left in open hole interval. Notified Wayne Townsend, BLM, of intent to abandon existing MV zone with 1-1/4" tubing in OH interval. RIH & set 7" cement retainer @ 5290'. Cement w/250 sx Class B neat beneath retainer. RIH & isolated casing leak @ 800' - 830'. Spotted 3 bbls Class B neat cement - 9/10 bbls cement squeezed into leak @ 1000 psi. COOH. RIH & tagged cement @ 793'. Drilled 26' cement. PT to 500 psi - OK. POOH. ND BOP. Swapped out well heads & RD. Waiting on sidetrack rig.

10/1/96

MIRU Big A #25. NU BOP, RU Wireline & RIH w/DW-1 Packer & set at 4033'. Determined orientation. Changed rams in BOP to 3-1/2". PT - OK. GIH w/Baker whipstock & set @ 4012'(top). Started milling. Milled from 4012' to 4035'. POOH w/window mill. GIH w/directional BHA. Well started gasing, attempted to unload hole, couldn't dry up hole. COOH. GIH w/Packer & set @ 3919'. RU BJ to cement. Pumped 145 sx Class B w/2% CaCl₂ (171 ft³) @ 15.6 ppg. Displaced 29.5 bbls @ .5 bpm @ 500 psi. Hesitate squeeze at 15 minute steps. WOC 8-1/2 hrs. GIH w/3-1/2" DP & Bit. Tagged cement @ 3947'. Drilled to 4036'. POOH w/bit. GIH w/directional assembly. Drilled & surveyed to 6060' TMD / 6035' TVD.

POOH. GIH w/106 jts of 4-1/2" 10.5# J-55 casing & 30 jts. 4-1/2" 11.6# J-55 casing and set @ 6020'. Circ. hole to cleanup. RU BJ to cement. Pumped 10 bbls 1% KCl ahead, 20 bbls mudflush, & 5 bbls H₂O spacer, then 77 bbls (432 cu ft.) 50:50 POZ cement w/2% gel. (13.5 ppg slurry @ 1.25 ft³/sx yield). Dropped plug. Pumped 95 bbls 2% KCl for displacement. Bumped plug. ND BOPs & set casing slips. RD & MO Big A #25. MIRU Bluejet to wireline. Ran CBL & GSL - top of cement in 4-1/2" annulus @ 3055'.

10/30/96

RU BJ & test 4 1/2" annulus & casing - OK. RU Bluejet & perf'd MV interval @ 5892' - 5882' @ 2 spf; 5862' - 5847' @ 2 spf; 5642'-5637' @ 1 spf; 5601' - 5596' @ 1 spf. Total 60 holes - all .36".

RU BJ to acidize. Pumped 1000 gal. 15% HCl w/2 gal per 1000 I-22 corrosion inhibitor & 90 balls. Formation broke down @ 3900 psi - @ 4 bpm. Balled off - 3800 psi. Average Rate - 20 bpm & average pressure 1100 psi. 89 balls recovered.

RU BJ to frac well. Frac'd with @ 197,000 # 20/40 Brady Sand; 632,000 scf N₂ - 45 quality foam; avg. rate 40 bpm, avg. pressure 3650 psi; ISDP - 1100 psi.; Flowed back for immediate forced closure. Flowed back for @ 54 hours. Shut well in.

11-6-96

MIRU - Big A #18. ND WH & NU BOP. Cleaned out to PBTD @ 5970' with N₂. RIH w/2-3/8" 4.7# J-55 tubing and set @ 5863'. FN @ 5830'. ND BOPs & NU WH. Test - Good. RD & Released rig 11-7-96. Turned well over to production department.