

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 H, 1650' FNL & 990' FEL
Section 28, T32N, R7W

5. Lease Designation and Serial No.

SF-078472

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 32-7 Unit

8. Well Name and No.

SJ 32-7 Unit #14

9. API Well No

30-045-11251

10. Field and Pool, or exploratory Area

Blanco Mesaverde and
S. Los Pinos FS PC

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 Add PC pay & commingle

☐ 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 was a Mesaverde well that we have added Pictured Cliffs pay to and stimulated. See attached for the procedure used:

Plans are to flow the Pictured Cliffs interval until the pressure has stablized. We will then drill out the CIPB(s) and cleanout to PBTD. Rerun tubing and then commingle production from both pools. The individual well commingling application will be filed and approved before actual commingling occurs. Commingling from both pools will be done per Order R-11210.

1229 NOV 23 AM 11:16
C/O FARMINGTON, NM

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

Signed

Patsy Chagata

Title

Regulatory Assistant

ACCEPTED FOR RECORD
Date 12/19/99

(This space for Federal or State office use)

Approved by

Title

Date

DEC 21 1999

Conditions of approval, if any:

FARMINGTON FIELD OFFICE
BY *[Signature]*

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

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NMOCB

San Juan 32-7 Unit #14
SF-078472; Unit H, 1650' FNL & 990' FEL
Section 28, T32N, R7W; Rio Arriba County, NM

Procedure used to add the Picture Cliffs pay and stimulate after squeezing cement behind pipe.
This well will be commingled once pressures are stabilized.

11/5/99

MIRU Key Energy #65. ND WH & NU BOPs. PT - OK. COOH w/2-3/8" tubing. RIH w/4-3/4" bit & scraper to 6049'. COOH. RIH w/5-1/2" CIBP & set plug @ 5500'. Fill tubing & PT casing to 500 psi for 30 minutes - OK. COOH. MIRU Blue Jet & ran GR/CBL from CIBP @ 5500' to surface. No cement above 4160'.

First squeeze attempt. Shoot 2 squeeze holes @ 4010' . COOH. Est. injection rate. GIH w/retainer & set @ 3893'. RU Schlumberger Dowell to squeeze. PT OK. Squeezed perms @ 4010'. Pumped lead - 50 sx 65/35 CI B POZ, w/1% CaCl₂, 0.5% D60, 6% D020, 0.1% D46; Tail pumped 25 sx Class B cement w/2% CaCl₂, 0.2% D46. Displaced w/16.5 bbls water. Pulled out of retainer. RD Schlumberger. PT casing to 500 psi. Bled down to 480 psi in 15 min. Circ. hole. COOH w/tubing and stinger. WOC. RU Blue Jet & ran CBL from 3884' to 3000'. Bad squeeze job.

Second squeeze attempt. Shot squeeze holes @ 2 spf @ 3825' & 3450'. RIH w/5-1/2" cement retainer & set @ 3735'. Est. injection through bottom squeeze holes and top. RU BJ to squeeze. Pumped 5 bbls FW, ahead of 70 sx (84 cf) CI H cement mixed at 15.6 ppg, yield of 1.2. Tail - pumped 20 sx (22.5 cf) Class H cement w/2% CaCl₂, Displaced w/14.0 bbls FW. Left .40 bbls of cement in tubing 100' during displacement w/10 bbls gone. Opened 5-1/2" casing closed 7-5/8" casing to put 4 bbls cement through top squeeze holes. PUH & reversed circ. COOH. RIH w/bit & tagged cement @ 3310'. Drilled cement from 3310' - 3468'. Fell free to 3650'. Drilled out cement from 3650' to 3730' (retainer). PU. PT 5-1/2" casing & and squeeze holes to 1000 psi. Good tests. PT 7-5/8" casing to 500 psi - good test.

COOH. MIRU Blue Jet & perforated Pictured Cliffs @ 1 spf .38" holes as follows:

3705', 3693', 3671', 3665', 3637', 3625', 3600', 3585', 3577',
3571', 3555', 3508', 3501', 3493', 3486', 3481', 3475', 3472' Total 18 holes

RD Blue Jet. GIH w/5-1/2" packer & set @ 3300'. RU BJ to acidize. Pumped 336 gal 2% KCL then 500 gal 15% HCL & ballsealers. Flushed w/1344 gal 2% KCL. RIH & knocked balls off. COOH w packer. GIH w/5-1/2" packer & set packer @ 3312'. RU to frac. BJ pumped 3000 gal 2% KCl @ 8.7 bpm. Pumped 1 # -3 # stages using 100,500 # 20/40 Brady sand w/65 Quality foam w/24,528 gal base fluid. Total treating fluid - 46,441 gal. Flushed w/3696 gal of 2% KCL. Total N₂ - 652,000 scf. ATR - 25 bpm and ATP - 3000 psi. ISDP - 600 psi. Flowed back on 1/4" and 1/2" chokes for approx. 18 hours.

RU B&R & ran pressure bombs. COOH & RD B&R. SI well. RU Baker & RIH w/tubing bridge plug & wet @ 3340'. Load tubing w/2% KCL water. RD frac equipment. Load casing w/2% KCL, & Pressured up casing to 500 #. Released 5-1/2" packer, Closed rams, pulled rubber, land tubing hanger w/BP valve in wellhead. RD BOP & NU WH. Test to 2000 psi. Good test. RU Blue Jet & RIH & pulled Baker tubing inflatable packer. COOH. RD BLUE Jet. (Note tubing is 3-1/2" workstring with packer set on bottom @ 3327' and the packer is not set). Check pressure - tubing @ 1360 psi and casing @ 1360 psi. Blew well down and unloaded water. Have 300 psi on full open 2" line. RD & released rig 1700 hrs 11/17/99. Turned well over to first deliver PC zone only.

Note: Due to the high pressure it was safer to leave the workstring in as the production string. Once the pressure drops, we will return and drill out the CIPB @ 5500', clean out to TD, Rerun tubing and commingle production from both the MV & PC zones per DHC Order 2426 dated August 18, 1999.