

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions
verse side)

TE-
re

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-95 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burch-BB Fed

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson-SR-Q-G-SA

11. SEC., T., R., M., OR B.L.K. AND
SURVEY OR AREA

Sec. 23, T-17-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Nov 5 10 01 AM '90

RECEIVED

CARL
ARE

NOV 15 '90

O. C. D.
ARTESIA, OFFICE

2. NAME OF OPERATOR

PHILLIPS PETROLEUM COMPANY

3. ADDRESS OF OPERATOR

4001 PENBROOK St., ODESSA, TX 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

Unit N, 660' FSL & 1980' FWL

14. PERMIT NO.

30-015-03052

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3579' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

FRACTURE TREAT

☒

SHOOT OR ACIDIZE

☒

REPAIR WELL

☐

(Other)

PULL OR ALTER CASING

☐

MULTIPLE COMPLETE

☐

ABANDON*

☐

CHANGE PLANS

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

FRACTURE TREATMENT

☐

SHOOTING OR ACIDIZING

☐

(Other)

☐

REPAIRING WELL

☐

ALTERING CASING

☐

ABANDONMENT*

☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. 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.)*

MI & RU DDU. Pull rods & pump. Install BOP. COOH w/2-3/8" tbq. Run SLM to check for fill. If necessary, clean out to ±3325'.

Perforate 7" csg. & 5-1/2" liner w/4" casing gun, 1 JSPF, @: 2260', 2262', 2264', 2268', 2270', 2272', 2274', 2340', 2344', 2370', 2374', 2378', 2382', 2386', 2404', 2408', 2412', 2768'-2778' 11 shots, 2792'-2798' 7 shots, 2808'-2826' 19 shots, 2840'-2850' 11 shots. Total of 65 shots.

GIH w/5-1/2" RTTS packer on 2-7/8" workstring. Test tbq. to 5000 psi. Set packet @ ±3200'. Acidize the San Andres open hole interval 3249'-3325' w/5000 gal. Pentol 200 (20% NeFe HCL) diverting w/1200 # rock salt in 1200 gal. gelled brine.

SI 4 hrs. Swab back load. COOH w/2-7/8" workstring & packer.

GIH w/5-1/2" RBP & RTTS packer on 2-7/8" workstring. Set RBP @ ±3150'. Set packer & test RBP to 500 psi. Dump 2 sacks sand on top. Reset packer @ 3000'.

Acidize San Andres through perforations 3048'-3074' w/2500 gal. Pentol 200 (20% NeFe HCL) diverting w/250# rock salt in 250 gals. gelled brine. SI 4 hrs. Swab back load.

Release packer & retrieve RBP. Reset RBP to ±2900'. Set packet & test RBP to 500 psi. Dump 2 sacks sand on top. COOH w/workstring & packer. GIH w/7" RTTS type packer on 2-7/8" workstring. Set packer @ 2450'. Swab to clean up new perfs 2768'-2850'.

(continued on next page)

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

SIGNED

L. M. Sanders
L. M. Sanders

TITLE

Supervisor, Regulation
& Proration

DATE

10/31/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

11-9-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BURCH BB FED #30
LC-028784-93
Eddy County, NM

NOTICE OF INTENT TO ACIDIZE EXISTING SAN ANDRES INTERVAL, PERFORATE, ACIDIZE
& FRACTURE ADDITIONAL GRAYBURG AND SAN ANDRES INTERVALS.

Acidize the San Andres through perforations 2768'-2850' down 2-7/8" workstring w/ 5000 gal. Pentol 200 (20% NeFe HCL) diverting with 52 1.3 sg RCN ball sealers spaced evenly throughout treatment. SI for 4 hrs. Swab back load.

Release packer & COOH. GIH & retrieve RBP. COOH w/2-7/8" workstring & RBP. PU & GIH w/7" RBP & RTTS packer on 3-1/2" workstring. Test tbg. to 6000 psi.

Set RBP @ 2450'. Set packer & test RBP to 500 psi. Dump 2 sacks sand on top. Reset packer to 2300'. Swab to clean up new perforations 2340'-2412'.

Treat Grayburg perforations 2340'-2412' down 3-1/2" workstring w/1500 gal. 7-1/2% NeFe HCL acid w/fines suspension agents and clay stabilizers. Divert w/20 1.3 sg RCN ball sealers spaced evenly throughout treatment.

Release packer. Knock ball sealers from Grayburg perforations 2340'-2412'. Reset packet @ 2300'.

Fracture treat Grayburg through perforations 2340'-2412' down 3-1/2" workstring 20,000 gal. Polyemulsion (2/3 lease crude & 1/3 gelled 2% KCL wtr. w/non-ionic emulsifier) carrying 67,000# 16/30 mesh Ottawa Sand.

RIH w/SLM & tag PBTD. Clean out to $\pm 2450'$.

Release packer & retrieve RBP. Reset RBP to 2320'. Set packer & test RBP to 500 psi. Dump 2 sacks sand on top. Reset packer to $\pm 2200'$. Swab to clean up new perforations 2260'-2274'.

Treat Grayburg through perforations 2260'-2274' down 3-1/2" workstring w/500 gals. 7-1/2" NeFe HCL acid containing fines suspension agents and clay stabilizers. Divert w/14 1.3 sg RCN ball sealers spaced evenly throughout treatment. Load tbg.-csg. annulus w/produced water, pressure to 300 psi and monitor during treatment. Release packer. Knock ball sealers from Grayburg perforations 2260'-2274'. Reset packer to $\pm 2200'$.

Fracture treat the Grayburg through perforations 2260'-2274' down 3-1/2" workstring w/13,500 gal. polyemulsion (2/3 lease crude and 1/3 gelled 2% KCL wtr. w/non-ionic emulsifier) carrying 37,000# 16/30 mesh Ottawa Sand. RIH w/SLM & tag PBTD. Clean out to $\pm 2320'$.

Release packer & retrieve RBP. COOH & lay down 3-1/2" workstring, packer, and RBP.

GIH w/2-3/8" tbg., rods and pump and return to production.