

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN: (Other)
LICATE: (Other)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Phillip Petroleum Company

3. ADDRESS OF OPERATOR
4001 Penbrook Street, Odessa, Texas 79703

4. LOCATION OF WELL (Report location clearly and in accordance with map-state requirements.
See also space 17 below.)
At surface

Unit H, 1345 FNL, 25 FEL

14. PERMIT NO.
30-015-21368

15. ELEVATIONS (Show whether W, ST, OR, OR.)
3614' KB - 3604' GL

5. LEASE DESIGNATION AND SERIAL NO.
LC-028784-9

6. NAME OF LESSEE OR TRIBE NAME

7. NAME OF LESSEE OR TRIBE NAME
Burch-BB Fed

8. WELL NO.
29

9. FIELD AND POOL, OR WILDCAT
Grayburg-Jackson-SR-Q-Grbg-S

10. SEC. T, R, N., OR BLM. AND
SUBST OR AREA
Sec. 23 T17-S, R29-E

11. COUNTY OR PARISH
Eddy

12. STATE
NW

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 perti-
nent to this work.)

Add Loco Hills and Keely pay. Perforate additional zones in Metex, Lovington, Jackson, and Lower San Andres. Stimulate new and existing zones through fracture treatment and acidizing. MI and RU DDU. Pull rods and pump. Install BOP. COOH with 2-3/8" production tbg. Tag TD to check for fill. If necessary clean out to TD @ 3425'. MI & RU Halliburton Logging Service to run CBL log from 3425' (current TD) to surface. MI & RU Halliburton Logging Service to perforate the following zones through the 4-1/2" CSG with a 3-1/8" perforating gun and 1/2" GSC charges, 1 JSPF, at the following depths: Keely 3370-3381' (12 shot), 3390-3403' (14 shot); L. San Andres 3190' (1 shot); Jackson 2828' 2834' 2882' 2884' 3003' (5 shot); Lovington 2641' 2645' 2701' (3 shot); Metex 2432' 2503' 2505' (3 shot); Loco Hills 2328' 2331' 2351' 2354' 2362' 2363' 2370' 2390' 2392' (9 shot); TOTAL 47 shots. GIH with 4-1/2" RTTS-type packer and RBP on 2-7/8", 6.5 lb/ft, N-80 workstring. Test tubing while GIH to 7000 psi. Lay RBP on bottom @ TD. Set packer @ ± 3150. Acid Engineering to acidize Keely 3370-3403' and the Lower San Andres 3175-3190' with 1800 gals Pentol 200 (15% HCL), diverting with 400 lbs rock salt in 400 gals 9 ppg brine. Swab, release PK. @ ± 3150'. Reset packer @ ± 3340'. Acid Engineering to fracture treat Keely 3370-3403' with 32,000 gals polyemulsion and 104,700 lbs 16/30 Vulcan Texsan sand. Acid Engineering to test surface lines and to 7000 psi. Install pressure relief valve on treating line and set it to relieve at 7000 psi. Release packer @ ± 3340'. Move down hole and circulate hole clean to RBP depth @ ± 3425'. Retrieve RBP @ ± 3425'. Set RBP @ ± 3250'. Set packer @ ± 3220'

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

SIGNED L.M. Sanders

TITLE Supv., Regulation & Pro.

DATE 8-30-91

(This space for Federal or State office use)

Unit, Signed by Shannon J. Shaw

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE PETROLEUM ENGINEER

DATE 9/17/91

*See Instructions on Reverse Side

and test RBP to 1000 psi. Reset packer @ $\pm 3150'$. Acid Engineering to fracture treat L. San Andres 3175-3190' with 12,000 gals polyemulsion (2/3 lease crude and 1/3 30 lb. gelled 2% KCL water) and 45,000 lbs 16/30 Vulcan Texsan sand. Release packer @ $\pm 3150'$ and retrieve RBP @ $\pm 3250'$. Reset RBP @ $\pm 3100'$. Set packer @ $\pm 3075'$ and test RBP to 1000 psi. Reset packer @ $\pm 2800'$. Acid Engineering to acidize Jackson 2828-3048' with 2100 gals Pentol 200 (15% HCL), diverting with 300 lbs rock salt, in 300 gals 9 ppg brine. Swab. Release packer @ $\pm 2800'$ and retrieve RBP @ $\pm 3100'$. Reset RBP @ $\pm 2750'$. Set packer @ $\pm 2720'$ and test RBP to 1000 psi. Reset packer @ $\pm 2615'$. Acid Engineering to spot 800 gals Pentol 200 (15% HCL) across Lovington perforations 2641-2701'. Bullhead acid into perforations with produced water. Acid Engineering to pressure test lines to 3500 psi. Swab. Acid Engineering to fracture treat Lovington 2641'-2701' with 17,000 gals polyemulsion (2/3 lease crude and 1/3 30# gelled 2% KCL water with non-ionic emulsifier) and 44,500 lbs 16/30 Vulcan Texsan sand. Acid Engineering to test surface lines to 6300 psi. Install pressure relief valve on treating line and set it to relieve at 6300 psi. Load annulus, if possible, and monitor all casing pressure throughout treatment for any indication of communication. Release packer @ $\pm 2615'$ and retrieve RBP @ $\pm 2750'$. Reset RBP @ $\pm 2550'$. Set packer @ $\pm 2520'$ and test RBP to 1000 psi. Reset packer @ $\pm 2300'$. Acid Engineering to acidize Metex 2432-2505' and Loco Hills 2328-2392' with 1500 gals Pentol 200 (15% HCL) diverting with 400 lbs rock salt in 400 gals 9 ppg brine. Swab. Pressure test 4-1/2" casing down annulus to 3700 psi. If pressure holds, release packer @ $\pm 2300'$ and COOH with workstring and packer. Acid Engineering to fracture treat Metex 2432-2505' and Loco Hills 2328-2392' down 4-1/2" casing with 25,000 gals polyemulsion (2/3 lease crude and 1/3 30# gelled 2% KCL water with non-ionic emulsifier) and 89,775 lbs 16/30 Vulcan Texsan sand. GIH with 2-7/8" workstring and retrieve RBP @ $\pm 2550'$. COOH with 2-7/8" workstring laying down RBP. GIH with 2-7/8" workstring and clean out to $\pm 3425'$ (current TD). COOH laying down 2-7/8" workstring. PU & GIH with existing 2-3/8", 4.7#/ft, J-55 production string. Run existing rods and pump. Return to production.

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