

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE  
(Other Instructions - see Form 3160-3)  
VERSE SIDE)

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Keely A Fed

9. WELL NO.

25

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson (SR-Q-G-SA)

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 24, T-17-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook Street, Odessa, Texas 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

2615' FSL & 1295' FWL Sec, T-17-S, R-29-E

14. PERMIT NO.

30-015-21663

15. ELEVATIONS (Show whether OF, HT, OR, etc.)

3595' GL

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) Add new perfs and acidize.

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.)

late new & existing pay. Acidizing & fracture treatments. Install larger pumping unit if needed.

1. MI and RU DDU. Pull rods and pump. Install BOP. COOH w/2-3/8" production tubing and mud anchor. Tag TD to check for fill.

NOTE: If necessary, GIH w/3-7/8" bit, DC, and 2-7/8" OD, 6.5#/ft, N-80 workstring (with Hydril CS connections if available). Clean out to PBTD @ +3544'. COOH w/workstring, DC, and bit.

2. MI & RU Halliburton Logging Service to run CBL Log from 3544' to 200' above TOC. Correlate depths to Dresser Atlas GR-N Log dated 11/8/75.

3. MI & RU Halliburton Logging Service to perforate the following zones thru 4-1/2", 10.5# & 9.5# Csg with a 3-1/8" perforating gun and 1/2" GSC charges, 1 JSPF, at the following depths:

Sub-Keely

3512'-3534'

(23 shot)

L. San Andres

3178'-3180'

(2 shot)

Jackson

2831' 2840' 2861'

2866' 2887' 2902'

2924' 2942' 2945' (9 shot)

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

SIGNED

*L. M. Sanders*

TITLE

Supv., Reg. & Proration

DATE

10/21/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

11/19/91

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Lovington

2655' 2657'  
2672'-2678' 2687' (10 shot)

Premier

2560' 2582' 2630'  
2642' (4 shot)

Metex

2381' 2383' 2414'  
2415' 2445' 2456'  
2466' 2470' 2480'  
2510' (10 shot)

Loco Hills

2360' (1 shot)

Penrose

2202' 2203' 2208'  
2209' 2236' 2237'  
(6 shot)

TOTAL = 62 Shots

4. GIH w/4-1/2" RTTS-type packer on 2-7/8", 6.5#/ft, N-80 workstring with Hydril CS connections. Test tubing while GIH to 6500 psi. Pressure test casing from 2150' to surface at 1000 psi. Set packer  $\pm$  3100'.
5. Acid Engineering to acidize Lower San Andres 3178'-3200', Keely 3358'-3365' and the Sub-Keely 3500-3534' with 2400 gals Pentol 200 (15% HCl) diverting with 700 lbs rock salt in 700 gals 9 ppg brine.
6. Shut-in two hours. If frac job immediately follows acid job, swabbing may be skipped.
7. Acid Engineering to fracture treat Lower San Andres 3178'-3200', Keely 3358-3365' and Sub-Keely 3500-3534' with 31,000 gals gelled (30# X-Linker/1000 gal) 2% KCl water carrying 116,000 lbs 16/30 Vulcan Texsan sand and 1000 lbs 12/20 Vulcan Texsan sand.
  - a. Acid Engineering to test surface lines to 7000 psi. Install pressure relief valve on treating line and set it to relieve at 6500 psi. Load annulus, if possible, and monitor casing pressure throughout treatment for any indication of communication.
8. Check TD with SLM. As necessary, clean out sand. COOH with workstring and packer. GIH with RBP and RTTS-type packer on 2-7/8" workstring. Set RBP  $\pm$  3000'. Set packer above RBP and test RBP to 1000 psi. Set packer  $\pm$  2780'.
9. Acid Engineering to acidize Jackson 2831'-2945' with 2400 gals Pentol 200 (20% HCl) diverting with 300 lbs rock salt in 300 gals 9 ppg brine.
10. Shut-in four hours.

11. Retrieve RBP and reset RBP @  $\pm 2740'$ . Set packer above RBP and test RBP to 1000 psi. Set packer @  $\pm 2290'$ .
12. Acid Engineering to acidize Loco Hills 2340'-2360', Metex 2381'-2510', Premier 2526'-2642', and Lovington 2655'-2687' with 2100 gals Pentol 200 (15% HCl) diverting with 600 lbs rock salt in 600 gals 9 ppg brine.
13. Shut-in two hours. If frac job immediately follows acid job, swabbing may be skipped.
14. Acid Engineering to fracture treat Loco Hills 2340'-2360', Metex 2381'-2510', Premier 2526'-2642', and Lovington 2655'-2687' with 48,000 gals gelled (30# X-Linker/1000 gals) 2% KCl water carrying 159,500 lbs 16/30 Vulcan Texsan sand and 24,000 lbs 12/20 Vulcan Texsan sand.
  - a. Acid Engineering to test surface lines to 7000 psi. Install pressure relief valve on treating line and set it to relieve at 6500 psi. Load annulus, if possible, and monitor casing pressure throughout.
15. Check TD with SLM. As necessary, clean out sand. Retrieve RBP and reset RBP @  $\pm 2290'$ . Set packer above RBP and test RBP to 1000 psi. Set packer @  $\pm 2150'$ .
16. Acid Engineering to acidize Penrose 2202'-2237' with 1200 gals 15% HCl containing fines suspension agents and clay stabilizer, diverting with 6 (1.3 sg) RCN ball sealers.
17. Swab back
18. If the decision is made to frac the Penrose 2202'-2237' with 10,000 gals polyemulsion (2/3 lease crude and 1/3 30# gelled 2% KCl water with non-ionic emulsifier) and 32,000 lbs 20/40 Vulcan Texsan sand.
19. Check TD with SLM. As necessary, clean out sand. COOH with packer and RBP laying down workstring.
20. PU & GIH with existing 2-3/8", 4.7#/ft, J-55 production string. Set mud anchor @  $\pm 3507'$  and SM @  $\pm 3476'$ . Return to production.
21. GIH with pump and rod string as follows (bottom to top):
  - a. 1-1/2" pump (existing)
  - b. 3425' (137 rods) 3/4" Grade "C" Sucker Rods
  - c. Space well as required. Ensure adequate pump clearance from bottom.
  - d. Return to production.