

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-c

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

C/SF

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Keely C Federal

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Gb-J-SR-Q-Gb-SA

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

25, 17-S, 29-E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, Texas 79762

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

See also space 17 below.)  
At surface

Unit A, 660' FNL & 660' FEL

RECEIVED BY

SEP - 5 1986

O. C. D.  
ARTESIA, OFFICE

14. PERMIT NO.

API No. 30-015-03089

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

3602' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other)

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

(Other) Convert to Water Injector

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.)

Recommended procedure to convert well to water injection:

1. MI & RU DDU.

2. COOH with rods and pump. Install BOP. COOH with tubing. GIH with 6-1/4" bit and casing scraper on 2-3/8" work string. Clean out as required to top of liner at 2815'. COOH with tubing, scraper and bit.

3. GIH with 7" RTTS-type packer on tubing. Set packer at  $\pm 2415'$ . Pressure annulus to 500 psi for 15 minutes to verify casing integrity. If casing does not hold pressure, reset packer up hole and retest annulus. Should casing fail to hold pressure, casing inspection log will be run.

\*\*See attached pages for additional procedure\*\*

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

SIGNED

W. J. Mueller

TITLE Engr. Supv., Resv.

DATE August 27, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Subject to  
Like Approval  
by State

\*See Instructions on Reverse Side

# CONVERSION PROCEDURE

Keely "C" Federal No. 8

June 30, 1986

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4. COOH with tubing and packer. GIH with 3-7/8" bit and casing scraper on work string. Clean out to PBTD 3,600'. Load hole with 2% KCl water (99 bbls). Spot 27 bbls of 10% acetic acid from 3,600' to 2,450'. COOH with tubing, scraper, and bit.

5. MI \_\_\_\_\_ wireline company. Phillips supervisor will hold safety meeting with wireline company personnel. Run Gamma Ray/Collar Locator log from PBTD 3,600' to 2,400'. RU to perforate using 3-3/8" OD casing gun below 2,815' and 4" OD casing gun above 2,815' loaded with deep penetrating DML charges, 2 shots/ft, spiral shot phasing. Perforate as follows top to bottom:

2,457' - 2,461'	4 feet	8 shots
2,478' - 2,480'	2 feet	4 shots
2,531' - 2,533'	2 feet	4 shots
2,563' - 2,567'	4 feet	8 shots
2,669' - 2,671'	2 feet	4 shots
2,722' - 2,726'	4 feet	8 shots
2,734' - 2,736'	2 feet	4 shots
2,753' - 2,757'	4 feet	8 shots
2,832' - 2,836'	4 feet	8 shots
2,872' - 2,874'	2 feet	4 shots
2,909' - 2,911'	2 feet	4 shots
3,079' - 3,083'	4 feet	8 shots
3,586' - 3,590'	4 feet	8 shots
TOTAL	40 feet	80 shots

Note: 7" casing collars are located at 2,452', 2,476', 2,497', 2,519', 2,543', 2,569', 2,591', 2,613', 2,636', 2,659', 2,682', 2,703', 2,722', 2,745', 2,769', and 2,791' from Dresser Atlas Sidewall Neutron Gamma Ray Log run 4/17/73. 4-1/2" casing collars are located at 2,958', 2,998', 3,038', 3,079', 3,119', 3,159', 3,200', 3,240', 3,280', 3,321', 3,361', 3,400', 3,440', 3,481', 3,521', and 3,562' from Dresser Atlas Perforating Formation Collar Chart run 4/26/73.

6. GIH with 7" RTTS-type packer on 2-3/8" work string. Set packer at +2,415'. RU and swab well to clean up perforations.
7. Unseat packer and GIH. Set packer at 2,740'.

8. MI \_\_\_\_\_ treating company. Phillips supervisor will hold safety meeting with treating company personnel. RU to acidize the San Andres interval with 4,600 gallons of 15% NEFE HCl. Load annulus with 2% KCl water and monitor level in annulus during treatment. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:
- a. Open circulating valve and displace tubing with 400 gallons of acid. Close circulating valve.
  - b. Pump 4,200 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (84 balls total).
  - c. Flush with 27 bbls of 2% KCl water.
- Note: 15% acid must contain clay stabilizer.
9. Flow and swab back acid and load water (total volume is 137 bbls).
10. COOH with tubing and packer.
11. GIH with 7" packer-type RBP and 7" RTTS-type packer on tubing. Set RBP at +2,745'. Set packer at +2,740' and test RBP to 1,000 psi. Release packer.
12. Set packer at +2,415'. RU and swab well to lower fluid level in tubing.
13. RU \_\_\_\_\_ treating company to acidize Grayburg perforations with 3,500 gallons of 7-1/2% NEFE HCl. Load annulus with produced water and hold 500 psi on annulus while treating. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:
- a. Open circulating valve and displace tubing with 350 gallons of acid. Close circulating valve.
  - b. Pump 3,150 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (63 balls total).
  - c. Flush with 23 bbls of 2% KCl water.

Note: 7-1/2% acid must contain clay stabilizer and fines suspension agent.

14. Flow and swab back acid and load water (total load volume 106 bbls).
15. Unseat packer, GIH and release RBP. COOH with tubing, packer, and bridge plug.
16. Notify N.M.O.C.D. (Mike Williams, (505) 748-1283, Artesia, New Mexico) 24 hours prior to performing this step. GIH with 7" Baker Model AD-1 (or equivalent) plastic coated injection packer on plastic coated 2-3/8", 4.7#/ft, J-55 8rd EUE tubing. Displace tubing-casing annulus with 2% KCl water containing 1% by volume of Techni-hib 370 (packer fluid). Set packer at +2,415' in 10,000 lbs tension. Pressure test casing to 500 psi for 15 minutes; use two-pen recorder to record tubing and casing pressure during test.

Note: Packer should have shear ring installed to allow the packer to be released by shearing with +25,000 lbs tension.

17. Remove BOP, install wellhead injection assembly, and place well on injection. Do not exceed 490 psi surface injection pressure.