

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M. C. T. H. COMMISSION

Form Approved
Budget Bureau No. 42-R3424

c/sf

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 Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other2. NAME OF OPERATOR
Phillips Oil Company ✓3. ADDRESS OF OPERATOR
Room 401, 4001 Penbrook St., Odessa, TX 797624. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1650' FSL and 2970' FEL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

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(other) To Repair casing leak, acidize, return well to production status.

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.)

1. MI RU DDU. Phillips supervisor to hold safety meeting with workover unit personnel. COOH with rods and pump. Install and test BOP. COOH with tubing. Inspect tubing. Check TD and clean out as necessary.
2. GIH with RTTS type packer and packer type RBP on 2 3/8" workstring tubing. Test 5 1/2" casing. If no leak is found in 5 1/2" casing, go to step 4. Isolate leak. Dump 2 sx sand on RBP. Establish injection rate. Phillips supervisor to hold safety meeting with cementing company personnel. to cement with 100 sxs of Class C cement with 2% CaCl₂ (mixed at 14.8 ppg, yield 1.32 ft³/sx, TT=2:00.) Flush tubing. Release RTTS packer and COOH. WOC.
3. GIH with drilling equipment and clean out. Test 5 1/2" casing. COOH. Go to step 6.

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

SIGNED W. J. Mueller

TITLE Senior Engineering Specialist

DATE August 30, 1984

(This space for Federal or State office use)
AREA MANAGERAPPROVED BY
CONDITIONS OF APPROVAL IF ANY:

TITLE CARLSBAD RESOURCE AREA

DATE

10-26-84

5. LEASE

LC-028793-a

6. IF INDIAN, ALLOTTEE OR TRUST NAME
RECEIVED BY

7. UNIT AGREEMENT NAME

OCT 29 1984

8. FARM OR LEASE NAME

Burch A. Fed

O. C. D.

ARTESIA OFFICE

9. WELL NO.

34

10. FIELD OR WILDCAT NAME

Grayburg/Jackson 7R, Queen, Gb/San Andres

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

Sec. 19, T-17-S, R-30-E

12. COUNTY OR PARISH
Eddy13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
RKB @ 3639'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

7. If no leak is found in 1/2" casing, set RBP at 1500', pump 2500' sand on RBP and load hole with 2% KCl water. COOH with packer and tubing.

5. Pump down 5 1/2" X 8 5/8" casing annulus and establish injection rate. (Hold 500 psi on 5 1/2" casing while pumping down annulus.) Contact Terry Williams or Eric Wiszniewskas with location of leak. Phillips supervisor to hold safety meeting with cementing company personnel. _____ to cement with 100 sx of Class C cement with 2% CaCl₂. SION.

6. GIH with RBP tool and RTTS type packer on 2 3/8" workstring tubing. Reset BP on bottom and packer at 2750'.

7. Phillips supervisor to hold safety meeting with treating company personnel. to acidize the GB/SA as follows (attempt to load casing tubing annulus with 2% KCl water and monitor pressure during treatment):

Note: Pressure test surface lines to 4000 psi prior to starting job.

A. 1. Open circulating valve and displace tubing with 450 gallons of 15% NEFE HCl. Close circulating valve.

2. Pump 2400 gallons acid with one (1) 1.3 S.G. ball sealer in each 40 gallons.

3. Flush with 1250 gallons of 2% KCl water.

Injection Rates: 4-6 BPM Maximum Pressure: 4000 psi

B. Reset and test RBP at 2600' and packer at 2400'. Attempt to load casing/tubing annulus with 2% KCl water and monitor pressure during treatment.

1. Open circulating valve and displace tubing with 390 gallons of 7 1/2% NEFE HCL. Close circulating valve.

2. Pump 1000 gallons of 7 1/2% NEFE HCl with one (1) 1.1 S.G. ball sealer in each 40 gallons of acid.

3. Flush with 700 gallons of 2% KCl water.

Injection Rates: 3-5 BPM Maximum Pressure: 4000 psi

C. Reset and test RBP at 1650' and packer at 1550'. Attempt to load casing/tubing annulus with 2% KCl water and monitor pressure during treatment.

1. Open circulating valve and displace tubing with 250 gallons of 7 1/2% NEFE HCl. Close circulating valve.

2. Pump 150 gallons of 7 1/2% NEFE HCl.

3. Flush with 350 gallons of 2% KCl water.

Injection Rates: 3-5 BPM. Maximum Pressure: 3000 psi.

Note: 7 1/2% acid to contain clay stabilizer and fines suspender.

8. Retrieve RBP and COOH with tubing, packer and BP.

9. Return well to production and evaluate with daily tests until all load is recovered.