Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)

RECEIVED BY
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O. C. D.
ARTESIA, OFFICE

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR
Phillips Oil Company

3. ADDRESS OF OPERATOR
Room 401, 4001 Penbrook St., Odessa, TX 79762

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1980' FSL and 660' FEL

5. LEASE
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.
22

10. FIELD OR WILDCAT NAME
Grayburg/Jackson 7R,Queen, Gb/San Andres

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T-17-S, R-29-E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
RKB @ 3635'

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐	☐
FRACTURE TREAT ☐	☐
SHOOT OR ACIDIZE ☐	☐
REPAIR WELL ☐	☐
PULL OR ALTER CASING ☐	☐
MULTIPLE COMPLETE ☐	☐
CHANGE ZONES ☐	☐
ABANDON* ☐	☐

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

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

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 T.D. and clean out as necessary.

2. GIH with RTTS type packer and packer type RBP on 2 3/8" workstring tubing. Test 4 1/2" casing. If no leak found in 4 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% $CaCl_2$ (mixed at 14.8 ppg, yield 1.32 ft^3/sx, TT=2:00.) Flush tubing. Release RTTS packer and COOH. WOC.

3. GIH with drilling equipment and clean out. Test 4 1/2" casing. COOH. Go to step 6.

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

SIGNED Harold McSwain for W. J. Mueller TITLE Senior Engineering Specialist DATE August 30, 1984

(This space for Federal or State office use)

APPROVED BY Dan Wirk TITLE Geol DATE 12-7-84

CONDITIONS OF APPROVAL, IF ANY:

4. If no leak found in 4 1/2" casing, set RBP at 2400', dump 2 sx sand on RBP and load hole with 2% KCl water. COOH with packer and tubing.

5. Pump down 4 1/2" X 8 5/8" casing annulus and establish injection rate. (Hold 500 psi on 4 1/2" casing while pumping down annulus.) Contact Terry Williams or Eric Wiszneauckas with location of leak. Phillips supervisor to hold safety meeting with cementing company personnel. _____ to cement with 100 sxs of Class C cement with 2% $CaCl_2$. SION.

6. GIH with RBP tool and RTTS type packer on 2 3/8" workstring tubing. Reset BP on bottom and packer at 2900'.

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 470 gallons of 15% NEFE HCl. Close circulating valve.

      2. Pump 2700 gallons acid with one (1) 1.3 S.G. ball sealer in each 60 gallons.

      3. Flush with 1000 gallons of 2% KCl water.

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

   B. Reset and test RBP at 2650' and packer at 2450'.

      1. Open circulating valve and displace tubing with 400 gallons of 7-1/2% NEFE HCL. Close circulating valve.

      2. Pump 1400 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 900 gallons of 2% KCl water.

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

TDW:JLW:pkg

PRK,KEELY49.1