

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

Albuquerque, NM 88210

5. LEASE

NM-074937

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Parke / Fed

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

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

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

Sec. 10, T-17-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
RKB @ 3715'

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 79762

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: 660' FSL and 1980' 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:

(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 TD 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% 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 4 1/2" casing. COOH. Go to step 6.

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

SIGNED Harold McPherson TITLE Senior Engineering SpecialistDATE August 30, 1984for W. J. Mueller

(This space for Federal or State office use)

APPROVED BY Sam WoodTITLE AssistantDATE 12-26-84

CONDITIONS OF APPROVAL IF ANY:

4. If no leak found in 4 1/2" casing, set RBP at 1800', 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 Wiszniauskas with location of leak. Phillips/Superior to hold safety meeting with cementing 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.
6. GIH with RBP tool and RTS type packer on 2 3/8" workstring tubing. Reset BP on bottom and packer at 2650'.

- A. 1. Open circulating valve and displace tubing with 430 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 1900' and packer at 1800'. Attempt to load casing/tubing annulus with 2% KCl water and monitor pressure during treatment.

1. Open circulating valve and displace tubing with 290 gallons of 7 1/2% NEFE HCl. Close circulating valve.
2. Pump 150 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 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.

TDW:JLU:adk

PR.P, PARKE4