

C/SF

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

O. C. D.

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 ☐ other ☐

2. NAME OF OPERATOR

Phillips Oil Company

3. ADDRESS OF OPERATOR

Rm 401, 4001 Penbrook

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

AT SURFACE: 1980' FSL & 660' FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

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* ☐

(other) Repaired csg leak, acidized ☐

SUBSEQUENT REPORT OF:

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

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-Q-Gb/SA

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.

30-015-20412

15. ELEVATIONS (SHOW DF, KDB, AND WD)

RKB 3635'

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.)

1-3-85: RU WSU. Pulled rods & pump. Installed BOP. Pulled 2-3/8" tbg. WIH w/4-1/2" csg scraper to 3245'.

Last test: Pmpd 24 hrs, 1.3 BO, 1.3 BW, 8 MCFG.

1-4-85: WIH W/hydrostatic bailer on 2-3/8" tbg. Tagged fill @3240'. Co to 3294'. POH. Set RBP @ 2400', pkr @ 2360', reset RBP & pkr when RBP would not hold. SDON.

1-5,6-85: Crew off

1-7-85: Attempted to set 4-1/2" RBP @ 2400', 2100', 1900' & 1700'. BP leaked off from 1000#-0 psi in less than 30 seconds. WIH w/new RBP & pkr. Set BP @ 2350', 2000', 1900', 1750' - BP leaked off same as first.

1-8-85: Ran csg inspection log from 3250' to surface. Log indicated no holes in csg. WIH w/BP & pkr. Set BP @ 2400', tst'd to 1000#, did not hold. Dropped standing valve & tst'd tbg to 1000#. Pressure bled from 1000# to 0 psi in less than 45 seconds. POH w/BP & pkr.

Subsurface Safety Valve: Manu. and Type n/a Set @ Ft.

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

SIGNED W. J. Mueller TITLE Sr. Engineering Specialist DATE February 11, 1984

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL

FEB 15 1984

1-9-85: PU RBP & pkr, tst'd tbg to 5000 psi while going in hole. Found small pin hole in 8th ft off bottom. Set RBP & 2400', tst'd to 1000 psi. Found hole in 4-1/2" csg 430' from surface. Pmpd 3 BPM @ 0 pressure. Received circ from bradenhead. Spt'd 2 sx sand on RBP. POH w/tbg & pkr. Removed BOP. Installed cmt'g head on 4-1/2" csg. Broke circ & pmpd 175 sx class "C" w/2% CaCl dwn csg. Displaced cmt w/4 BFW. Circ approx 40 sx cement to pit.

1-10-85: SI 24 hrs. WOC

1-11-thru 1-13-85: Tagged cmt @ 265'. Drid cmt to 430'. Press'd up csg to test. Well SI 48 hrs. 1-14-85: WIH to 500' w/csg scraper on 2-3/8" tbg. POH w/scraper. WIH w/pkr to 500', set & tst'd BP to 1000#. Removed BOP & installed cmt'g valve on 4-1/2" csg. Pmpd 150 sx class C w/2% CaCl₂, 5#/sx salt dwn 4-1/2" csg @ rate of 2BPM w/pressure increasing from 300 psi-450 psi @ end of cementing. Cmt was displaced 1-15-85: Tag'd cmt @ 260', drid to 430'. Closed BOP to check 4-1/2" csg. Pmpd into hole in csg @ 2BPM @ 150 psi w/FW. 1-16-85: Installed cmt'g head. Pmpd 150 sx C w/2% CaCl₂, 5#/sx salt. Displaced w/FW. 1-17-85: Tagged cmt @ 242' drid to 324'. 1-18-85: Drid cmt to 437'. Tst 4-1/2" csg to 500 psi. 1-19-20-85: Crew off. 1-21-85: Displaced tbg w/470 gal 15% NEFE HCL trt'd perfs 2932'-3244' w/2700 gal 15% NEFE w/400 gal 7-1/2% NEFE HCL w/1 BS/40 gals of acid. 1-22-85: Ran 2-3/8" production tbg to 3238'. Swbd 30 BLO. Ran 2" X 1-1/2" X 10' sucker rod pmp. 1-23-85: Pmpd 20 hrs, 12.87 BO, 63.18 BW. 1-24-85: Pmpd 24 hrs, 25.74 BO, 45.05 BW. 1-25 thru 1-28-85: Pmpd 96 hrs, 53.17 BO, 89 BFW. 1-29-85: Pmpd 24 hrs, no gauge.

1-30 thru 1-05-85: Tried to run GOR, unable to due to weather conditions. 1-06-85: Running GOR. 1-07-85: Pmpd 24 hrs from 4-1/2" csg perfs 2498'-3244', rec 5.26 BO, 2.34 BW, 25.9 MCFG, GOR 4941/1, gravity of oil 36°. Job complete.