

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRI-CATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM13627

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHERU.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

SOUTHLAND ROYALTY COMPANY

8. FARM OR LEASE NAME

PECOS RIVER FED. "20" COM

3. ADDRESS OF OPERATOR

1100 WALL TOWERS WEST MIDLAND, TEXAS 79701

9. WELL NO.

1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

JUN 17 1980

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED (MORROW)

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

SEC 20, T-19-S, R-27-E

14. PERMIT NO.

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

3392' GR

ARTESIA, OFFICE

12. COUNTY OR PARISH

EDDY

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

PERF & SQUEEZE JOBS

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)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 perti-
nent to this work.)*

Spot 175 gals 10% acetic acid from 10,095-9832'. Perf w/1 JSPF from 9962-9967', 9971-9976', 9979-9984', 9986-9991', 9999-10,004', 10,007-10,012', 10,042-10,048', 10,087-10,097'. Displaced acid. Swab 42 BLW. Swab dry. Sm amt gas, TSTM. Acidz w/7200 gals 7 1/2% acid, 227,000 SCFN₂ & 100 BS. No ball action. Flw & swb 80 BLW in 6 hrs. No gas. Set CIBP @ 9850' & dumped 35' cmt on BP, WOC 24 hrs. Load hole w/2% KCL wtr. Press csg to 1000#. Held Okay. Perf 2 JSPF 8186-8192', 8208-8212'. GIH w/2 3/8" tbg & pkr.

Spot 150 gals 15% NE acid from 8215-7990'. Pull pkr to 8094'. Displaced acid to perfs. Swab 24 BLW. Well flwg. 250 MCFGPD & 12 BWPH on 1/4" ck & TP 900#. POH tbg & pkr. Set cmt retainer @ 8115'. Sqz perfs w/150 sxs Cl "H" 6/10 of 1% Halad 9 to 5000#. Rev out 9 sx cmt. Drl out cmt & retainer to 8200'. No fluid entry. GIH w/tbg & pkr. Circ hole clean w/2% KCL wtr. Set pkr @ 8094'. Perf w/2 JSPF 8186-8190'. No gas. Ran swab. No FL. SION. FL @ 1500'. Swab dry. Spot 150 gals NE acid over perfs & soak 1 hr. Pull pkr to 8094'. Displaced acid to perfs. Swab 37 BLW & 8 BFW. Fluid @ 5500'. SION. GIH w/cmt retainer & set @ 8135'. Pmp 50 sxs Cl "H" cmt. Sqz perfs to 5000#. Rev out 35 sxs cmt. GIH w/3 3/4" bit, DC & tbg. Drld out cmt & retainer to 8200'. RU & perf 2 JSPF 8186-8190' (Well pump). GIH w/Schlumberger pact tool, pkr & tbg. Set pkr @ 8150'. Knocked out disc. No press. Rel pkr & ran tbg to 8192'. Spot 250 gals 15% NE acid over perfs. Pull pkr to 8130' & rev acid out of csg. Pump 50 gals acid, perf took acid. Swab 15 BLW. Making approx 300 MCFGD & 3 BWPH on 1/4" ck 1000# TP. Pot. test max rate: 1550 MCFGD on 13/64" ck, TP 1630#.

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

SIGNED

Donald R. Cray

TITLE

DISTRICT OPERATIONS ENGINEER

DATE

June 10, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: