

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
Other Instructions on
Reverse sideForm approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Southland Royalty Company	8. FARM OR LEASE NAME Gulf
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79701	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FNL & 330' FEL, Sec. 28, T-18-S, R-31-E	10. FIELD AND POOL, OR WILDCAT Shugart (Y, SR, Q, G)
14. PERMIT NO. 30-015-20196	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3626' GR
12. COUNTY OR PARISH Eddy	13. STATE N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Perforated Additional Pay ☒REPAIRING WELL ☒ALTERING CASING ☐ABANDONMENT* ☐

(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 pertinent to this work.)
1. MIRUPU 3/2/83. POH w/tbg. Ran csg inspection log form 3720-Surface. Ran cmt bond log from 3848-1800'. TOC found @ 3300'.
 2. Set CIBP @ 3800'. Perf 4 sqz holes @ 3300'. Set pkr @ 3266'. Unable to pmp into perfs @ 1200#. Spot 100 gal acid. Pmp into sqz holes @ 1600# @ 1 BPM.
 3. RIH w/cmt ret & set @ 3266'. Sqz perfs @ 3300' w/100 sx C1 "C" to 1800#. (85 sx in pf). POH w/tbg. RIH w/pkr.
 4. Found csg collar leaks @ 1700' & 2378'. Perf 4 sqz holes @ 2420'. Pmp into pfs @ 2420' @ 1250#. No circ. Unable to pmp dwn Bradenhead @ 1000#.
 5. Set cmt ret @ 2333'. Sqz pfs @ 2420' & hole @ 2378' w/150 sx C1 "C" to 1450#. (135 sx in pfs).
 6. Perf 4 sqz holes @ 2020'. Pmp into pfs @ 4 BPM @ 1500#. Set cmt ret @ 1617'. Sqz pfs @ 2020' & leak @ 1700' w/500 sx C1 "C", 10# salt/sx to 900# (455 sx in pfs). Drld out cmt & ret @ 1617' & cmt to 2020'. Had 3 BPH wtr flow out pfs @ 2020'.
 7. Pmp into perfs @ 2020' @ 2 BPM @ 800#. RIH & set cmt ret @ 1960'. Sqz pfs @ 2020' w/200 sx C1 "C" 2% CaCl, 2/10% Halad 4 to 1500#-800#. Pmp all cmt away, no sqz. Re-sqz'd pfs 2020' w/200 sx C1 "C" w/2% CaCl & 2/10% Halad 4 to 1900# (181 sx in pfs).
 8. Drld out cmt & ret (@ 1960') to 2020'. No leak & no wtr flw. Drld out cmt & ret (@ 2333') to 2460'. Had small wtr flw (1 BPH).
 9. RIH w/pkr. Found collar leaks @ 1575' & 1379'. Unable to pmp in @ 1000#, will flw 1/2 BPH. Perf 2 sqz holes @ 1577'. Pmp into @ 2 1/2 BPM @ 1400#. Set cmt ret @ 1340'. Sqz'd pfs @ 1577' & leaks @ 1575' & 1379' w/200 sx C1 "C" w/10% Cal-seal & 10# salt/sx. No sqz.

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

SIGNED F.N. RAD by D. RobertsTITLE District Operations Engineer DATE 4/5/83

(This space for Federal use)

APPROVED BY (ORIG. SGD.) DAVID R. GLASS

DATE

CONDITIONS OF APPROVAL SEP 06 1983

9. (Cont'd) Re-sqz'd w/200 sx C1 "C" w/10% Cal-seal & 10# salt/sx. No sqz. Press to 1100#. Re-sqz'd w/200 sx C1 "C" w/15% Cal-seal & 10# salt/sx. No sqz w/press @ 1100#. Re-sqz w/200 sx C1 "C" w/15% Cal-seal & 10# salt/sx to 1200# (172 sx in perms).
10. Drld out cmt & rets @ 1340', 3266' & CIBP @ 3800'. Press & swb tests showed no leaks or wtr flows. Clean out to 3900'. Circ hole clean.
11. Perf Penrose zone @ 3801-14' & 3530-65' w/2 JSPF. Set RBP @ 3846'. Spot 200 gal 15% NEA. Set pkr @ 3764'. Acdz pfs 3801-14' w/1000 gal 15% NEA @ 2100# @ 3 BPM. ISIP = 1300 (15) 800#.
12. Set RBP @ 3750'. Spot 200 gal 15% NEA. Set pkr @ 3450'. Acdz pfs 3530-65' w/2000 gal 15% NEA in 4 stages using 800# 50-50 RS & BAF as block @ 1300# @ 3.6 BPM. ISIP = 1250 (15) 1100#. Swb acid load back.
13. POH w/pkr & RBP. RIH w/PCID injection tbq. Set pkr @ 3120'. Start injection. Inject 410 BWPD @ IP = 575# on 3/30/83.