

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COM. FORM
SUBMIT IN TRIPlicate
Drawings (Other instructions on reverse side)
Artesia, NM 88210Form approved.
Budget Bureau No. 42-R1424.

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 ☐ OTHER ☒ Water Injection Well
2. NAME OF OPERATOR Southland Royalty Company
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79701
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

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3626' GR

5. LEASE DESIGNATION AND SERIAL NO.

NM-012212

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gulf

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Shugart (Y,SR,Q,G)

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

Sec. 28, T-18-S, R-31-E

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

☐
☐
☐
☒

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Also perforate additional pay ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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. Notify NMOCD in Artesia prior to RU. Dig pit & flw well dwn. MI 2 7/8" work string.
2. MIRUPU. Install BOP. POH w/PCID tbg & pkr.
3. Run cmt bond log w/CCL from TD to top of cmt. Run csg inspect. log w/CCL from TOC to surf. Run GR-CNL-CCL from TD to surf.
4. RIH & set RBP @ 3850' +. Spot 10' + snd on top. Press test. POH.
5. Perf 4 sqz holes @ TOC. RIH w/cmt retainer & set @ 50' + above sqz holes. PI w/10 ppg brine wtr & check if circ to surf is possible. If can circ, go to step #6. If cannot circ go to step #8.
6. Sqz w/350 + sx salt saturated Cl "C" cmt w/accelerator additive followed w/250 + sxs CL "C" w/2% CaCl₂ & low fluid loss additives. POH w/tbg.
7. RIH w/pkr. Set @ 1650' +. Press & swb test leak @ 1700'. If no additional sqz is needed, go to step #10. If another cmt sqz is needed, POH w/pkr. RIH w/cmt ret & set @ 1650' +. Sqz w/salt saturated Cl "C" cmt w/accelerators. POH w/tbg. Go to step #10.
8. If cannot circ from sqz perfs, sqz w/250 + sx Cl "C" w/2% CaCl₂ & low fluid loss additives. POH w/tbg.
9. RIH w/cmt ret & set @ 1650' +. Pmp into leak @ 1700'. Attempt to break circ w/10 ppg brine. Sqz w/salt saturated Cl "C" w/accelerator. POH w/tbg.
10. RIH w/4 3/4" bit w/4 + DC's & drl out cmt ret & cmt to RBP. Press & swb test leak & sqz pfs.
11. Spot 200 + gals 15% HCl w/NEFE, clay stabilizer & double inhibited from 3814-3619'. POH w/bit.

-----OVER-----

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

SIGNED

F. A. Raul
APPROVED

TITLE District Operations Engineer

DATE 1/26/83

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

FEB 17 1983

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

See Instructions on Reverse Side

RECEIVED

FEB 14 1983

MINERAL & LAND SERVICE
HOUSTON, TEXAS

12. Perf Penrose @ 3801-14' w/2 JSPF (28 holes). RIH w/pkr to 3700' ±. Reverse acid into tbg. Set pkr. Break down perfs by increasing press & holding w/500 psi increments.
13. Acdz perfs 2801-14' w/1000 gals 15% NEFE w/clay stabilizer @ ± 3 BPM diverting w/42 BS distributed evenly throughout.
14. Swb back load. Test. Release pkr & release RBP. PU & set RBP @ 3750' ±. Spot sand on top. POH w/pkr.
15. From the 5"/100' GR-CNL log perf the Upper Penrose that correlates to that open in offset producers (approx 25').
16. RIH w/pkr. Spot acid across perfs. PU & set pkr @ 100' ± above Upper Penrose perfs. Break down perfs as before. Acdz w/volume to be determined from GR-CNL log. Swb load back & test.
17. POH w/pkr & RBP. RIH w/PCID tbg & pkr. Set pkr @ 3450' ±.
18. Restore to water injection.