

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDARY NOTICES AND REPORTS ON WELLS

SUBMIT IN TRIPI
(Other instructions
reverse side)

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Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-029387-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shugart "D"

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Shugart (Y,SR,Q,G)

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

Sec. 30, T-18-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

1. OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.
At surface

990' FNL & 2310' FEL, Sec. 30, T-18-S, R-31-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

Unknown

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☒
☐
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FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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. MIRU PU. POH w/rods & pmp. ND WH. NU BOP. Lower tbg & tag PBDT (previously @ 3817'). Pull & strap out of hole. Truck out & unload + 3850' 2 7/8" workstring.
2. RIH w/bit & csg scraper on 2 7/8" to PBDT. Clean out any fill to + 3820'. POH w/bit.
3. To insure a majority of perms open so to lower risk of screen out, RIH w/BJ Hughes' Pressure Fluctuation Tool (PFT) to 3426' (top perf). With tbg-csg annular valve open, start pmpg treated formation wtr @ 1 to 1 1/2 BPM while lowering the PFT across perf intervals @ 3426-3440', 3476-3484', 3514-3520' & 3766-3784'. Slowly pull up w/PFT in same process to top perf. POH w/PFT.
4. RIH w/treating pkr on 2 7/8" tbg, press testing tbg to 5000 psi & set @ + 3650'. MI & set 1-500 bbl clean frac tank. Load annulus w/2% KCl wtr & press test to + 500 psi & maintain.
5. Frac Grayburg perms 3766-3784' (104) w/6000 gals 30#, cross-linked 2% KCl wtr w/scale inhibitor + 12,000# 20/40 sd @ + 10 BPM, anticipated WH treating press = 2500 psi, maximum press = 5000 psi.

In one stage as follows:

- a) Pump 2000 gal pad
- b) Pump 1000 gal frac fluid + 1 ppg 20/40 sd
- c) Pump 500 gal frac fluid + 2 ppg 20/40 sd
- d) Pump 500 gal frac fluid + 3 ppg 20/40 sd
- e) Pump 1500 gal frac fluid + 4 ppg 20/40 sd

-----OVER-----

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

SIGNED

Cathy Nohes

TITLE

Engineering Tech III

DATE

8/15/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

8-21-86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

- f) Pump 500 gal frac fluid + 5 ppg 20/40 sd
- g) Flush to + 50' above top perf w/slick 2% KCl wtr.

6. SI minimum of 4 hrs. Flw well dwn. POH w/pkr.
7. RIH w/retrievable bridge plug (RBP) & pkr. Set RBP @ + 3600'. Set pkr & test RBP to + 3500 psi. Pull & set pkr @ + 3300'. Load annulus. Press test to 500 psi & maintain.
8. Frac Penrose perfs 3426-3520' (158) w/9000 gal 30% cross-linked 2% KCl wtr w/scale inhibitor + 19,000# 20/40 sd @ + 20 BPM. anticipated WH treating press = 3500 psi, max press = 5000 psi.
In one stage as follows:
 - a) Pump 2000 gal pad
 - b) Pump 2000 gal frac fluid + 1 ppg 20/40 sd
 - c) Pump 1500 gal frac fluid + 2 ppg 20/40 sd
 - d) Pump 1000 gal frac fluid + 3 ppg 20/40 sd
 - e) Pump 1500 gal frac fluid + 4 ppg 20/40 sd
 - f) Pump 1000 gal frac fluid + 5 ppg 20/40 sd
 - g) Flush to + 50' above top perf w/slick 2% KCl wtr.
9. SI minimum 4 hrs. Flw well dwn. Retrieve RBP (circ sd off if necessary) & POH. LD 2 7/8" workstring.
10. RIH w/prod tbg w/SN @ + 3350' (above all perfs to allow for frac sd coming back into wellbore). RIH w/pmp & rods. Return to pmpg.