Form. 3160-5 (July 1989)

18. I hereby certify that the foregoing is

SIGNED

(This space for Fede

APPROVED BY CONDITIONS OF APPROVAL, IF

UNITE_ STATES DEPARTMENT OF THE INTERIOR

CONTACT RECEIVING OFFICE FOR NUMBER OF COPIES REQUIRED (Other instructions on reverse side)

BLM Roswell District Modified Form No. NM060-3160-4

5. LEASE DESIGNATION AND SERIAL NO.

5-6-92

DATE

| (Formerly 9-331) | BUREAU OF LAND MANAGEMENT | | NM-28881 |
|---|--|--|--|
| SUNDRY | NOTICES AND REPORTS or proposals to drill or to deepen or plug bac "APPLICATION FOR PERMIT-" for such proposal | CK 40 5 dilitalatif lesalacs. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 1. OIL GAS WELL X | | | 7. UNIT AGREEMENT NAME |
| | | | 8. FARM OR LEASE NAME |
| NAME OF OPERATOR SOUTHLAND ROYALTY COMPANY | | | VACA RIDGE "30" FED. COM. |
| 3a. AREA CODE & PHONE NO. | | | 9. WELL NO. |
| P.O. Box 51810, Midland, TX 79710-1810 915-688-6906 | | | 1 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* | | | 10. FIELD AND POOL, OR WILDCAT |
| See also space 17 below.) | | | PITCHFORK RANCH (MORROW) |
| At surface K, 1980' FSL & 1980' FWL | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| | | | SEC. 30, T-24-S, R-34-E |
| | 15. ELEVATIONS (Show whether | er DF, RT, GR, etc.) | 12. COUNTY OR PARISH 13. STATE |
| 14. PERMIT NO. | 3536.4' GR | _ | LEA N.M. |
| 16. C | check Appropriate Box To Indic | ate Nature of Notice, Repo | ort, or Other Data |
| | | | QUENT REPORT OF: |
| | | | REPAIRING WELL |
| TEST WATER SHUT-OFF | PULL OR ALTER CASING | WATER SHUT-OFF FRACTURE TREATMENT | ALTERING CASING |
| FRACTURE TREAT | MULTIPLE COMPLETE | SHOOTING OR ACIDIZING | ABANDONMENT* |
| SHOOT OR ACIDIZE | ABANCON | (Other) | |
| REPAIR WELL | CHANGE PLANS | (NOTE: Report result) | s of multiple completion on Well mpletion Report and Log form.) |
| (Other) | MPLETED OPERATIONS (Clearly state all persing | and give pertinent dates in | ocluding estimated date of starting any pro- |
| 17. DESCRIBE PROPOSED OR CC posed work. If well is work.)* | directionally drilled, give subsurface location | is and measured and true vertical dept | hs for all markers and zones pertinent to this |
| . MIRU pulling unit, plugging equipment, and 14,700' of 2 7/8" 6.5#/ft. N-80 workstring. ND WH, NU BOP. | | | |
| 2. PU & RIH with 2 7/8" workstring. Tag CIBP @ 14,700'. Spot 10 sxs Class "H" cement on CIBP @ 14,700'. PUH to 13,300'. | | | |
| 3. Spot 30 sxs Class "H" cement containing 2% CaCl (across 9 5/8" casing shoe), from 13,300' to 13,200'. PUH to 13,000', reverse circulate tubing clean, WOC and tag plug at ±13,200'. PUH to 12,621'. | | | |
| Spot 60 sxs Class "H" cement containing 2% CaCl (across 5 1/2" liner top @ 12,571'), from 12,621' to 12,521'. PUH to 12,300', reverse circulate tubing clean, WOC and tag plug at ±12,500'. PUH to 12,370'. | | | |
| . Spot 90 sxs Class "H" cement (across top of Wolfcamp formation @ 12,320'), from 12,370' to 12,270'. PUH to 9400'. | | | |
| 5. Spot 80 sxs Class "H" cement from 9400' to 9300'. PUH to 6400'. | | | |
| | | CONTI | NUED ON PAGE -2- |

TITLE

PRODUCTION ASST.