

|                                                                                                                                                                                                                                                     |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|--------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------|--|--------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|------------------------|------------------------------------------------------|--|--|--|--|---------------------------|--|--|--|--|
| 1a. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                      |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 7. Field Assignment Name<br>Tonto "15" State                                                                                         |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> REPERFOR. <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 8. Field or Leasing Name<br>Tonto "15" State                                                                                         |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 2. Name of Operator<br>Southland Royalty Company                                                                                                                                                                                                    |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 9. Well No.<br>2                                                                                                                     |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 3. Address of Operator<br>21 Desta Drive, Midland, Texas 79705                                                                                                                                                                                      |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 10. Field and Pool, or Without<br>North Airstrip (Bone Springs)                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 4. Location of Well<br>UNIT LETTER <u>H</u> LOCATED <u>1880</u> FEET FROM THE <u>North</u> LINE AND <u>550</u> FEET FROM<br><u>East</u> LINE OF SEC. <u>15</u> TWP. <u>18S</u> RGE. <u>34E</u> NMPM                                                 |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 11. County<br>Lea                                                                                                                    |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 15. Date Spudded<br>5-27-87                                                                                                                                                                                                                         |  |                      |  |                                | 16. Date T.D. Perforated<br>6-17-87                                                             |                                |  |                          |  | 17. Date Compl. (Ready to Prod.)<br>7-19-87                                                                                          |  |                                 |  |                        | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4013.5' GR |  |  |  |  | 19. Elev. Casinghead<br>- |  |  |  |  |
| 20. Total Depth<br>9885'                                                                                                                                                                                                                            |  |                      |  |                                | 21. Plug Back T.D.<br>9790'                                                                     |                                |  |                          |  | 22. If Multiple Compl., How Many                                                                                                     |  |                                 |  |                        | 23. Intervals Drilled by<br>XX                       |  |  |  |  | 24. Cable Tools           |  |  |  |  |
| 24. Producing interval(s), of this completion - Top, bottom, Name<br>9528-9750' Bone Springs                                                                                                                                                        |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        | 25. Was Directional Survey Made<br>Yes               |  |  |  |  |                           |  |  |  |  |
| 26. Type Electric and Other Logs Run<br>CNL/FDC/GR                                                                                                                                                                                                  |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        | 27. Was Well Cored<br>No                             |  |  |  |  |                           |  |  |  |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                  |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| CASING SIZE                                                                                                                                                                                                                                         |  | WEIGHT LB. FT.       |  | DEPTH SET                      |                                                                                                 | HOLE SIZE                      |  | CEMENTING RECORD         |  |                                                                                                                                      |  |                                 |  | AMOUNT PULLED          |                                                      |  |  |  |  |                           |  |  |  |  |
| 13 3/8"                                                                                                                                                                                                                                             |  | 54.50#               |  | 408'                           |                                                                                                 | 17 1/2"                        |  | 425 sx. Cl "C"           |  |                                                                                                                                      |  |                                 |  | Circ.                  |                                                      |  |  |  |  |                           |  |  |  |  |
| 8 5/8"                                                                                                                                                                                                                                              |  | 24,28&32#            |  | 3400'                          |                                                                                                 | 12 1/4"                        |  | 1100 sx Lite C & 300 "C" |  |                                                                                                                                      |  |                                 |  | Circ.                  |                                                      |  |  |  |  |                           |  |  |  |  |
| 5 1/2"                                                                                                                                                                                                                                              |  | 17 & 15.5#           |  | 9885'                          |                                                                                                 | 7 7/8"                         |  | 1000 gals Furbond "H" &  |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
|                                                                                                                                                                                                                                                     |  |                      |  | DV @ 8900'                     |                                                                                                 |                                |  | 410 sx. "H"              |  |                                                                                                                                      |  |                                 |  | TOC @ 6800'            |                                                      |  |  |  |  |                           |  |  |  |  |
| 29. LINER RECORD                                                                                                                                                                                                                                    |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| SIZE                                                                                                                                                                                                                                                |  | TOP                  |  | BOTTOM                         |                                                                                                 | SACKS CEMENT                   |  | SCREEN                   |  | SIZE                                                                                                                                 |  | DEPTH SET                       |  | PACKER SET             |                                                      |  |  |  |  |                           |  |  |  |  |
|                                                                                                                                                                                                                                                     |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 2 7/8"                                                                                                                               |  | 9759'                           |  | SN @ 9723'             |                                                      |  |  |  |  |                           |  |  |  |  |
| 31. Perforation Record (Interval, size and number)<br>9740-50' (11 holes) Bone Springs<br>CIBP @ 9720'<br>9672-94' (23)<br>9528-35' (7)<br>CIBP bumped to 9800'                                                                                     |  |                      |  |                                |                                                                                                 |                                |  |                          |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>9528-9750'<br>AMOUNT AND KIND MATERIAL USED<br>Acidz w/5000 gals |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 33. PRODUCTION                                                                                                                                                                                                                                      |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| Date First Production<br>7-19-87                                                                                                                                                                                                                    |  |                      |  |                                | Fracturing Method (Flowing, gas lift, pumping - Size and type pump)<br>Pump 2 1/2 x 1 1/4 x 36' |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        | Well Status (Prod. or Shut-in)<br>Producing          |  |  |  |  |                           |  |  |  |  |
| Date of Test<br>7-26-87                                                                                                                                                                                                                             |  | Hours Tested<br>24   |  | Choke Size<br>-                |                                                                                                 | Prod'n. Per Test Period<br>200 |  | Oil - BBL<br>200         |  | Gas - MCF<br>67                                                                                                                      |  | Water - BBL<br>110              |  | Gas - Oil Ratio<br>335 |                                                      |  |  |  |  |                           |  |  |  |  |
| Flow Tubing Press.<br>-                                                                                                                                                                                                                             |  | Casing Pressure<br>- |  | Calculated 24-Hour Rate<br>200 |                                                                                                 | Oil - BBL<br>200               |  | Gas - MCF<br>67          |  | Water - BBL<br>110                                                                                                                   |  | Oil Gravity - API (Corr.)<br>37 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                  |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        | Test Witnessed By<br>Ronnie Pryor                    |  |  |  |  |                           |  |  |  |  |
| 35. List of Attachments<br>C-104, C-102, Temperature Survey, Inclination Survey.                                                                                                                                                                    |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.                                                                                                             |  |                      |  |                                |                                                                                                 |                                |  |                          |  |                                                                                                                                      |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
| SIGNED <u>Carl H. [Signature]</u>                                                                                                                                                                                                                   |  |                      |  |                                |                                                                                                 |                                |  |                          |  | TITLE <u>Operations Tech III</u>                                                                                                     |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |
|                                                                                                                                                                                                                                                     |  |                      |  |                                |                                                                                                 |                                |  |                          |  | DATE <u>7/27/87</u>                                                                                                                  |  |                                 |  |                        |                                                      |  |  |  |  |                           |  |  |  |  |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical, mechanical, geophysical logs run on the well and a summary of all special tests conducted, including full stem tests. All results reported on all logs must be true to the facts of geologically drilled wells, true verticality shall also be reported. For multiple completions, items 1-4 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required (see Rule 115b).

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                           |                             |                             |                        |
|---------------------------|-----------------------------|-----------------------------|------------------------|
| T. Anhy _____             | T. Canyon _____             | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____ 1890'       | T. Strawn _____             | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____ 3100'       | T. Atoka _____              | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____            | T. Miss _____               | T. Chert House _____        | T. Leadville _____     |
| T. 7 Rivers _____         | T. Devonian _____           | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 4430'      | T. Silurian _____           | T. Point Lookout _____      | T. Elbert _____        |
| T. Gragburg _____         | T. Montoya _____            | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____       | T. Simpson _____            | T. Gallup _____             | T. Ignacio Quete _____ |
| T. Glorieta _____         | T. McKee _____              | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____          | T. Ellenburger _____        | T. Dakota _____             | T. _____               |
| T. Blinberry _____        | T. Gr. Wash _____           | T. Morrison _____           | T. _____               |
| T. Tubb _____             | T. Granite _____            | T. Todilto _____            | T. _____               |
| T. Drinkard _____         | T. Delaware Sand _____      | T. Entrada _____            | T. _____               |
| T. Abo _____              | T. Bone Springs _____ 7000' | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____         | T. Rustler _____ 1780'      | T. Chinle _____             | T. _____               |
| T. Penn. _____            | T. 1st Bone Spr _____ 8500' | T. Permian _____            | T. _____               |
| T. Cisco (Bouff. C) _____ | T. 2nd Bone Spr _____ 9200' | T. Penn. "A" _____          | T. _____               |
|                           | T. 3rd Bone Spr _____ 9730' |                             |                        |

OIL OR GAS SANDS OR ZONES

|                         |                         |
|-------------------------|-------------------------|
| No. 1, from.....to..... | No. 4, from.....to..... |
| No. 2, from.....to..... | No. 5, from.....to..... |
| No. 3, from.....to..... | No. 6, from.....to..... |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                              |  |
|------------------------------|--|
| No. 1, from.....to.....feet. |  |
| No. 2, from.....to.....feet. |  |
| No. 3, from.....to.....feet. |  |
| No. 4, from.....to.....feet. |  |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation            | From | To   | Thickness in Feet | Formation            |
|------|------|-------------------|----------------------|------|------|-------------------|----------------------|
| 0    | 3600 | 3600              | Dolomite             | 6250 | 6730 | 480               | Sandstone            |
| 3600 | 3700 | 100               | Anhydrite            | 6730 | 6870 | 140               | Dolomite             |
| 3700 | 3760 | 60                | Shale                | 6870 | 7170 | 300               | Limestone & Dolomite |
| 3760 | 3880 | 120               | Anhydrite & Shale    | 7170 | 7290 | 120               | Chert & Shale        |
| 3880 | 3970 | 90                | Anhydrite            | 7290 | 7500 | 210               | Limestone & Shale    |
| 3970 | 4030 | 60                | Shale                | 7500 | 8470 | 970               | Chert & Limestone    |
| 4030 | 4210 | 180               | Anhydrite            | 8470 | 8620 | 150               | Sandstone            |
| 4210 | 4310 | 100               | Shale                | 8620 | 9240 | 620               | Sandstone & Dolomite |
| 4310 | 4410 | 100               | Dolomite             | 9240 | 9400 | 160               | Limestone            |
| 4410 | 4510 | 100               | Sandstone            | 9400 | 9540 | 140               | Dolomite & Shale     |
| 4510 | 4590 | 80                | Anhydrite            | 9540 | 9889 | 349               | Sandstone & Dolomite |
| 4590 | 4730 | 140               | Dolomite & Sandstone |      |      |                   |                      |
| 4730 | 4830 | 100               | Shale                |      |      |                   |                      |
| 4830 | 5120 | 290               | Dolomite & Anhydrite |      |      |                   |                      |
| 5120 | 5260 | 140               | Sandstone & Dolomite |      |      |                   |                      |
| 5260 | 5660 | 400               | Dolomite & Anhydrite |      |      |                   |                      |
| 5660 | 5930 | 270               | Sandstone            |      |      |                   |                      |
| 5930 | 6250 | 320               | Dolomite             |      |      |                   |                      |