

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-76

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease 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" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator Southland Royalty Company	8. Farm or Lease Name Chicosa Canyon
3. Address of Operator P.O. Drawer 570, Farmington, New Mexico 87499	9. Well No. 1
4. Location of Well UNIT LETTER <u>M</u> <u>830</u> FEET FROM THE <u>South</u> LINE AND <u>1100</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>31N</u> RANGE <u>4W</u> NMPM.	10. Field and Pool, or Wildcat Wildcat Gallup
11. Elevation (Show whether DF, RT, GR, etc.) 6874' GL	12. County Rio Arriba

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING SPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒	CASING TEST AND CEMENT JOB ☐	
Plug back Gallup and recomplete in Basal Fruitland Coal			

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Southland Royalty Company plans to plug back Gallup formation and complete in Basal Fruitland Coal as follows:

- MIRU Service Unit. ND WH and NU BOP.
- Establish injection rate into Gallup perfs.
- TOOH with open-ended 2-3/8" tubing.
- TIH with 5-1/2" cement retainer on tubing. Set retainer at $\pm$ 7490'.
- Squeeze Gallup perfs with 75 sacks (88.5 cu.ft.) of Class "B" neat cement. Sting out of retainer, and spot 50' plug (6 sacks, 7.1 cu.ft.) on top of retainer. Fill casing with 9.2 PPG mud to 6400'. TOOH.
- Run freepoint survey to determine freepoint of 5-1/2" casing. Cut casing above free point. PU casing 20', and attempt to establish circulation with 9.2 PPG mud.

CONTINUED OTHER SIDE

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Frank T. Chavez TITLE Petroleum Engineer DATE 11-01-85

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE DEC 12 1985

CONDITIONS OF APPROVAL, IF ANY:

7. Lower casing to tag casing stub. PU and spot a 50 sack plug on stub. PU casing to $\pm 5900'$, filling hole with 9.2 PPG mud if necessary.
8. Spot 100' plug of Class "B" neat cement from 5900' to 5800' to cover Mesaverde (36 sacks, 42.5 cu.ft.). Pull up and set 100' Class "B" neat with 2% CaCl₂ plug @ 3900'. 100H with 5-1/2" casing, filling hole with 9.2 PPG mud.
9. TIH with 5-1/2" casing with guide shoe and differential fill float collar. Land casing at $\pm 3800'$.
10. Pump 20 bbl gel spacer followed by 200 sacks (370.6 cu.ft.) 50/50 Litepoz and Utah Portland "B" cement with 10% Diace 1 D extender, 12.5#/sack Kollite cement extender, 2% CaCl₂. Tail in with 50 sacks (59 cu.ft.) of Class "B" neat cement.
12. WOC. TIH with bit and scraper. CO to $\pm 3725'$. 100H.
13. Run GR-CCL/CBL from COTD to top of cement.
14. Pressure test 5-1/2" casing to 3000 psi for 30 minutes.
15. Spot 100 gals 7-1/2% HCl across Fruitland interval.
16. Perforate the following Fruitland Coal intervals with 4 JSPF as follows:
3590'-3596', 3613'-3638'. Total of 124 holes.
17. Breakdown Fruitland Coal with 2000 gals 15% HCl with 1 gal/1000 gal each of inhibitor and surfactant.
18. Swab and/or flow back to clean up and test.
19. Frac the Fruitland with 68,589 gals 70 Q foam, 7500# 20/40 sand, and 80,000# 10/20 sand.
20. Flow and/or swab to clean up and test.
21. Land 2-3/8" tubing at $\pm 3750'$. ND BOP and NU WH.
22. Rel Service Unit.