

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 1000
SANTA FE, NEW MEXICO 87501

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OCT 13 1983

Form C-103
Revised 10-1-78

OIL CON. DIV.
DIST. 3

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Southland Royalty Company	8. Farm or Lease Name Simms Federal
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico 87499	9. Well No. 1
4. Location of Well UNIT LETTER <u>J</u> <u>1730</u> FEET FROM THE <u>South</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE, SECTION <u>13</u> TOWNSHIP <u>30N</u> RANGE <u>4W</u> NMPM.	10. Field and Pool, or Wildcat East Blanco P. C. Cabresto Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 7023' GL	12. County Rio Arriba

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUS AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUS AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Recomplete Pictured Cliffs to produce as Gallup/Pictured Cliffs dual</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 hereby proposes to recomplete the subject well in the following manner:

- 1) MIRU. Set wireline plug in tubing, nipple down and NU BOP. Pull 245 joints of 2-3/8" tubing.
- 2) Run and set retrievable 5-1/2" bridge plug at 4150'. Dump 500# (35') of sand on plug.
- 3) Run CBL from 4150' to 3600' under pressure.
- 4) Pressure test to 3500 psi.
- 5) If necessary, perforate and squeeze Pictured Cliffs. Clean out to 4125'.
- 6) Spot 100 gals 7-1/2% HCl across perforations.
- 7) Perforate at 3945', 3952', 3968', 3972' (4 holes) with 1 JSPF. Use Tolson Jets, centralized (.35").
- 8) TIH with 2-3/8" tubing and retrievable packer. Spot 300 gals 15% HCl, set packer at ± 3900', and breakdown perforations. Displace with 2% KCl water.

CONTINUED OTHER SIDE

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

SIGNED [Signature] TITLE Petroleum Engineer DATE 9-16-83

APPROVED Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 20 1983

CONDITIONS OF APPROVAL, IF ANY:

- 9) Swab to test for water and gas potential. POOH. (Plug is uneconomical.)
- 10) Run and set retrievable bridge plug at 3850'. Pressure test to 3500 psi. Drop 200# sand on plug. Spot 250 gals 15% HCl.
- 11) Perforate upper Pictured Cliffs at 3704', 3710', 3716', 3722' (4 holes) with 1 JSPF. Use Tolson Jets, centralized (.35" dia.).
- 12) TIH with 2-3/8" tubing and retrievable packer. Spot 750 gals 15% HCl, set packer at + 3680' and breakdown with 7 - 7/8" RCN balls. Displace with 2% KCl water. Lower packer to knock off balls and pull above perforations.
- 13) Swab to test for gas and water potential. Retrieve bridge plug and POOH.
- 14) Frac Pictured Cliffs down casing with 900 HHP (est. rate: 18 to maintain 1000 across perforations).
 - 15,000 gals fresh water pad
 - 45,000 gals fresh water pad with 1 PPG 20/40 sand
 - Flush to bottom perforation with fresh water
- 15) Run tubing with RBP retrieving tool and clean out with air. Gauge for 1 hour.
- 16) Retrieve bridge plug at 4150' and POOH.
- 17) Land Gallup production tubing as follows:
 - A) 1-1/2", 2.90#, J-55, EUE tubing at +7580'.
 - B) Expendable check on bottom if necessary.
 - C) 1.375" seating nipple one joint off bottom.
 - D) 5-1/2" retrievable production packer at + 4400'.
 - E) 2-1/16" blast joints across Pictured Cliffs perforations.
 - F) Hydrotest all tubing above packer to 3000 psi.
- 18) Land Pictured Cliffs production tubing as follows:
 - A) 1-1/2", 2.76#, J-55, IJ tubing at + 3950'.
 - B) Perforated gas anchor on bottom.
 - C) Seating nipple one joint from bottom.
 - D) Pump out plug if required.
- 19) ND BOP. NU WH. Pump out plugs with rig pump. Swab and gauge each zone. Rig down and move off location.