

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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 Hawk Federal
3. Address of Operator P.O. Drawer 570, Farmington, New Mexico 87499		9. Well No. 3
4. Location of well UNIT LETTER <u>K</u> <u>1835</u> FEET FROM THE <u>South</u> LINE AND <u>1690</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>25N</u> RANGE <u>2W</u> NMPM.		10. Field and Pool or Wildcat Basin Dakota Gavilan Mancos
15. Elevation (Show whether DF, RT, GR, etc.) 7274' 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 OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>TA'd DK & Greenhorn reports</u>	☒
		<u>Completion Report on Mancos Formation</u>	☒

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

- 11-26-84 MIRU Bayless Drlg Rig #1 on 11-26-84.
11-31-84 Pressure tested 5-1/2" casing to 4000#-OK. Perforated Dakota with 5 holes at 7896', 7897', 7898', 7910', 7911'. TIH with 5-1/2" packer, packer set at 7815'.
12-01-84 Rel packer. LD 1 joint and packer set at 7783'. Brkdwn perfs, pumped acid and dropped ball sealers. Formation did not ball off. Rel packer. Cleared perfs and set packer at 7783'.
12-02-84 to 12-05-84 Swabbed.
12-06-84 Swabbed, Recovered 1/4 BPH - 25% oil cut.
12-07-84 RD Swab Unit. Rel packer. set 5-1/2" CIBP at 7843'. POOH with 4 jts of tubing.
12-08-84 Tubing open-ended at 7713'. Pressure tested casing to 3500#-OK. Sptd acid across Greenhorn. TOOH with tubing. Perforated Greenhorn with 4 holes at 7646', 7673', 7683', 7693'. TIH with 5-1/2" packer and packer set at 7446'. Brkdwn Greenhorn perfs, pumped acid and dropped ball sealers. Formation balled off and leaked back showing 4th hole open. Rel packer. RIH with 8 joints to clear perfs. Pulled up hole and packer set at 7550'.

CONTINUED OTHER SIDE

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

SIGNED Ethel J. Greysen TITLE Secretary DATE 1-08-85

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE JAN 08 1985

CONDITIONS OF APPROVAL, IF ANY:

12-09 & 10-84 Swabbed.

12-11-84 Rel packer. Recovered swab tools and sand line. TIH with tubing and packer, packer set at 7550'.

12-12-84 Swabbed.

12-13-84 Swabbed dry. Rel packer. TOOH and LD packer. PU CIBP & TIH on 2-7/8" tubing, set at 7651'.

12-14-84 RU and pressure tested casing and CIBP at 7651'. Pumped into formation. TOOH with setting tools and tubing. PU new CIBP and packer, packer set at 7631'. Pressure tested to 3500# on backside. Pumped into formation down tubing, set CIBP at 7631'. Pressure tested to 3500#. TOOH with tubing. TIH with wireline, tagged CIBP at 7631'. Perforated Lower Mancos with 20 holes at 7218', 7238', 7260', 7272', 7290', 7298', 7309', 7313', 7318', 7330', 7334', 7343', 7347', 7352', 7403', 7412', 7416', 7422', 7426', 7435'. TOOH with wireline. Brkdn Lower Mancos perfs and dropped ball sealers. Bailed off. Ran junk basket but could not get by tight spot at 1860'. Cleared perfs and pushed balls to bottom with packer. Fraced Lower Mancos with 92,022 gals of 30# gelled KCl water with 7500# 100 mesh sand and 87,500# of 20/40 sand. Bridged off on flush with 5188 gals left to pump. AIR 34 BPM, ATP 3400 psi, ISIP N/A.

12-15-84 12-17 to 19-84 Opened well up & flowed back. TIH with tubing, tagged sand at 5100', circ out sand.

12-20-84 TIH and tagged fill at 7510'. RU nitrogen and clean out to BP at 7620'. Circ hole to clean up. TOOH with tubing and removed string float. TIH with seating nipple, tubing at 7320'. Unloaded well with nitrogen.

12-21 & 22-84 Swabbed.

12-23,24,25-84 SD for Holidays

12-26-84 RD Swab. TOOH with tubing.

12-27-84 TIH with RBP, set at 7152'. PU tubing to 7120'. RU and pressure tested to 3500#-OK. Spd acid across Upper Mancos.

12-28-84 Perforated Upper Mancos with 16 holes at 6742', 6758', 6813', 6821', 6860', 6890', 6906', 6910', 6916', 6938', 6959', 6966', 6976', 6986', 6991', 6999'. Brkdn perfs. Formation brk. Fraced Upper Mancos with 500 gals of 15% HCl acid, 20 bbls gel spacer, 76,692 gals of 30# cross-linked gel KCl water, 700 gals diesel and 82,500# of 20/40 sand. AIR 42 BPM, ATP 2500 psi, ISIP 500 psi. All frac sand tagged with radioactive tracer. Shut well in.

12-29-84 Opnd well up on vacuum. TIH with tubing and retrieving head. RU nitrogen and cleaned sand off of RBP. Retrieved BP and TOOH.

12-31-84 TIH with tubing to 6701' with seating nipple at 6669'. Swabbed.

1-02-85 Swabbed and flowed well to tank.

1-03-85 Flowing well back. Landed 209 joints of 2-7/8", 6.5#, J-55 tubing at 6701' with seating nipple at 6669'. NU WH. Rel rig at 5:00 PM 1-03-85. Well flowing back.