

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

API 30 025-25441

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L-3881	

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 State "AR"
3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER C 990 FEET FROM THE north LINE AND 1980 FEET FROM THE west LINE, SECTION 35 TOWNSHIP 23S RANGE 34E NMPM.	10. Field and Pool, or Wildcat Antelope Ridge (Morrow)
15. Elevation (Show whether DF, RT, CR, etc.) 3468' KB	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOBS ☐	OTHER ☐

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.

1. Loaded hole w/2% KCL wtr.
2. RIH w/cmt retainer & tbq. Set retainer @ 11,785'.
4. Sqz perfs 12,050-12,197' w/ 200 sxs. Class "H" cmt containing 8/10 of 1% Halad 22 & 4/10 of 1% CFR2.
5. Left 55' cmt on top of retainer. POH w/tbg.
6. Cut 7 5/8" csg. Removed Wellhead.
7. Ran tbq to 5224'.
8. Mixed & pmp 50 sxs gel w/BW.
9. Spotted 150 sxs cmt from 5224-4838'.
10. Pulled tbt to 808'.
11. Spotted 70 sxs cmt from 808-681'.
12. Spotted 30 sxs cmt from 50' to surface. Welded on plat. Installed dry hole marker. P&A completed 2/11/82.

This procedure approved by Jerry Sexton NMOCC 1-18-82

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

SIGNED [Signature] TITLE District Operations Engineer DATE 2-12-82

APPROVED [Signature] TITLE OIL & GAS INSPECTOR DATE JAN 26 1982

CONDITIONS OF APPROVAL, IF ANY:

m

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

Form C-105
Revised 10-78

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L-3881

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVN. ☐ OTHER _____	8. Name of Lease Name State "AR"
2. Name of Operator Southland Royalty Company	9. Well No. 1
3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701	10. Field and Pool, or Wildcat Antelope Ridge (Morrow)

4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>990</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM <u>west</u> LINE OF SEC. <u>35</u> TWP. <u>23S</u> RGE. <u>34E</u> NMPM	11. County Lea
--	-------------------

15. Date Spudded 3/4/77	16. Date T.D. Reached -	17. Date Compl. (Ready to Prod.) 10/2/77	18. Elevations (DE, RKB, RT, GR, etc.) 3468' KB	19. Elev. Casinghead -
20. Total Depth 13,650'	21. Plug back T.D. 12,200'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools	
24. Producing interval(s), of this completion - Top, Bottom, Name 12,058-12,197' (Strawn)				25. Was Directional Survey Made no

26. Type Electric and Other Logs Run Borehole Compensated Sonic Log	27. Was Well Cored no
--	--------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	800'	20"	700 sx.	Circ.
10 3/4"	45.5 & 51#	5133'	14 3/4"	4100 sx.	Circ.
7 5/8"	33.7#	12,200'	9 1/2"	750 sx.	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5"	11,859'	13,648'	290	Circ.	2 3/8"	12,615'

31. Perforation Record (Interval, size and number) 12,058-12,197' (OA)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 12,058-12,197' AMOUNT AND KIND MATERIAL USED A w/8000 gals 15% NE acid.
---	---

33. PRODUCTION							
Date First Production P&A		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - bbl.	Gas - MCF	Water - BBL	Gas-Oil Ratio
Flow Tubing Press.	Tubing Pressure	Subsided 24-Hour Test	Oil - BBL	Gas - MCF	Water - BBL	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
--	-------------------

35. List of Attachments Logs sent: 1-22-78

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 	TITLE District Operations Engineer	DATE 2-12-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including inflow tests. All depths reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quarterly reports except on state land, where six copies are required. See Rule 1175.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp 10,695
T. Penn. _____
T. Cisco (Bough C) _____

Northwestern New Mexico

T. Canyon _____
T. Strawn 12,050'
T. Atoka 12,200'
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. Morrow 12,494'
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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	800		Redbed	12580	12600		Lime & shale
800	3000		Anhydrite	12600	13300		Shale RECEIVED
3000	3500		Anhydrite & shale	13300	13370		Lime & shale
3500	4090		Anhydrite & lime	13370	13643		Lime & shale
4090	5100		Lime				FEB 18 1982
5100	8160		Lime & sand				
8160	9140		Lime				
9140	9620		Lime & chert				
9620	10060		Lime & shale				
10060	10730		Lime & chert				
10730	11420		Lime & shale				
11420	11700		Lime				
11700	12330		Lime & shale				
12330	12400		Shale				
12400	12460		Lime & shale				
12460	12580		Shale				

RECEIVED
FEB 15 1982
OIL & GAS DIV.

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L-3881

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 State "AR"
3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER C, 990 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 23S RANGE 34E NMPM.	10. Field and Pool, or Wildcat Antelope Ridge (Morrow)
15. Elevation (Show whether DF, RT, GR, etc.) 3468' KB	12. County Lea

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 JOB ☐	OTHER Plug Back ☐

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.

1. Rigged up workover unit.
2. Pull present production equipment.
3. GIH w/tbg & cmt retainer. Set retainer @ 12,200'.
4. Displace hole w/2% KCL Wtr. Set in Rtnr.
5. Sqz perfs 12,303-12,213' w/50 sxs C1 "H" cmt, 1% CFR2 & 3/10 of 1% HR4 to 5000#.
6. Reverse out 5 sxs. Pull tbq to 11,580'.
7. Spot 500 gals 7½% NE acid from 12,198-11,930'. Perf 12,058 - 12,197' (32 holes).
8. Ran 2 3/8" tbq & pkr. Set @ 11,908'. Pkr @ 11,807'.
9. Acdz w/8000 gals 15% NE acid using 48 BS.
10. Plug back unsuccessful.

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

SIGNED [Signature] TITLE District Operations Engineer DATE 2-12-82

APPROVED BY _____ TITLE _____ DATE FEB 21 1982

CONDITIONS OF APPROVAL, IF ANY:

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L-3881	
7. Unit Agreement Name	
8. Farm or Lease Name	
State "AR"	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Antelope Ridge (Morrow)	
11. County	
Lea	

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 L-1, FORM C-101, FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. Name of Operator
Southland Royalty Company
3. Address of Operator
1100 Wall Towers West, Midland, TX 79701
4. Location of Well
UNIT LETTER C 990 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 23S RANGE 34E
15. Elevation (Show whether DF, RT, GR, etc.)
3468' KB

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☒
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

17. Description of Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULES 103.)

1. RU & load hole w/2% KCL wtr.
2. Pull production equip from wellbore.
3. RHH w/cmt retainer & tbq. Set retainer @ 12,000'.
4. Set retainer @ 12,000'. Sqz perfs (12,058'-12,197') w/50 sxs Cl "H" cmt containing 0.8 of 1% Halad 22A (Fluid loss agent).
5. Pull out of retainer & reverse out excess cmt.
6. Spot 200' plug (30 sxs) across liner top @ 11,859'. (100' above & 100' below).
7. Run freepoint on 7 5/8" csg. Cut & pull 7 5/8" csg (Approx 6500').
8. Spot 200' plug (70 sxs) across 7 5/8" csg stub. (100' above, 100' below).
9. Spot 200' plug (100 sxs) across 10 3/4" csg shoe @ 5133'. (100' inside csg, 100' outside csg).
10. Spot 100' plug (55 sxs) across 16" csg shoe @ 800' (50' above & below).
11. Spot 50' plug (30 sxs) @ surface.

I hereby certify that the contents of this report are true and complete to the best of my knowledge and belief.

Dist. Production Manager

1-11-82

Orig. S. 103
Jerry Benton
Dist. L. Office

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-101
Effective 1-1-65

SUNDARY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR NOTICES TO WELLS OR TO REPORTS ON WELLS, BACK TO A DIFFERENT RESERVOIR, USE APPLICATION FOR PERMIT TO DRILL OR REPORT CHECKED FOR SAME PURPOSES.)		5a. Indicate Type of Lease State ☒ Fee ☐ 5. State Oil & Gas Lease No. L-3881
1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER 2. Name of Operator Southland Royalty Company 3. Address of Operator 1100 Wall Towers West, Midland, TX 79701 4. Location of Well UNIT LETTER C 990 FEET FROM THE North LINE AND 1980 FEET FROM THE South LINE, SECTION 35 TOWNSHIP 23S RANGE 34E NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 3446.1' GR		7. Unit Agreement Date 8. Name of Lease Name State "AR" 9. Well No. 1 10. Field and Pool, or Wildcat Antelope Ridge (Morrow) 12. County Lea

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 OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	PERFORATE and acidize (Morrow) ☒

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.

10-17-78	Perf Morrow 12,660-664'; 12,806-816'; 12,897-900'; 13,000-007'; & 13,088-096'. No increase in production.
11-14-78	Acidized w/ 4000 gal 10% Morrow flow acid, 8000 gal treated water, 21 tons CO ₂ in 4 stages.
11-15-78	Flowed 350 MCF/D, 6 BWPH.
11-16-78	Flowed 100 MCF/D, 2.5 BWPH
11-17-78	Flowed 125 MCF/D, 2.5 BWPH, 0.5 BOPH

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

SIGNED <u>C. Harvey Carr</u>	TITLE <u>District Engineer</u>	DATE <u>11-17-78</u>
ORIG. SIGNED BY <u>Jerry Sexton</u>	TITLE <u>Dist. 1, Supr.</u>	DATE <u>NOV 30 1978</u>
APPROVED BY _____	TITLE _____	DATE _____

CONDITIONS OF APPROVAL, IF ANY: