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LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

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. _____

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name _____

8. Farm or Lease Name
Mangum

9. Well No.
#5E

10. Field and Pool, or Wildcat
xxx Undesignated Chacra Basin Dakota

2. Name of Operator
Southland Royalty Company

3. Address of Operator
P. O. Drawer 570, Farmington, NM 87401

4. Location of Well

UNIT LETTER **A** LOCATED **860** FEET FROM THE **North** LINE AND **825** FEET FROM THE **East** LINE OF SEC. **29** TWP. **29N** RGE. **11W** NMPM

12. County
San Juan

15. Date Spudded 12-29-79	16. Date T.D. Reached 1-5-80	17. Date Compl. (Ready to Prod.) 6-28-80	18. Elevations (DF, RKB, RT, GR, etc.) 5398' GR	19. Elev. Casinghead
20. Total Depth 6255'	21. Plug Back T.D. 6213'	22. If Multiple Compl., How Many 2	23. Intervals Drilled By Rotary Tools	23. Intervals Drilled By 0'-6255'
24. Producing Interval(s), of this completion - Top, Bottom, Name Chacra: 2530'-2538'				25. Was Directional Survey Made Deviation
26. Type Electric and Other Logs Run IES, GR-Density, GR-CBL/VDL				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
9 5/8"	32.30#	229'	12 1/4"	275 sacks	
5 1/2"	15.5#	6255'	7 7/8"	750 sacks	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					1 1/2"	2543'
						2705'

31. Perforation Record (Interval, size and number)
Chacra: 2530', 2532', 2535', 2538'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2530'-2538'	23,000 gals wtr & 12,100#
	20/40 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-In
Date of Test 6-28-80	Hours Tested 3 hours	Choke Size 3/4"
Flow Tubing Press. 0	Casing Pressure 947	Calculated 24-Hour Rate NO TEST

Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____

Oil Gravity - API (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
Kelly Maxwell

35. List of Attachments

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 Production Manager** DATE **7-9-80**

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 drill stem tests. All depths reported shall be measured depths. 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 quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	680'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	1262'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	1515'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	3080'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____		T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	3894'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____		T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	5132'	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Graneros _____ Pace Greenhorn _____	5950'	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	5995'	T. _____
T. Blinebry _____	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 _____	T. Wingate _____		T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____		T. _____
T. Penn. _____	T. _____	T. Permian _____		T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____		T. _____

FORMATION RECORD (Attach additional sheets if necessary)

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5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Manqum
9. Well No.
#5E
10. Field and Pool, or Wildcat
xxx Basin Dakota Undesignated Chacra

2. Name of Operator	
Southland Royalty Company	
3. Address of Operator	
P. O. Drawer 570, Farmington, NM 87401	
4. Location of Well	

UNIT LETTER <u>A</u>	LOCATED <u>860</u> FEET FROM THE <u>North</u> LINE AND <u>825</u> FEET FROM
THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>29N</u> RGE. <u>11W</u> NMPM	

12. County
San Juan

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12-29-79	1-5-80	6-28-80	5398' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6255'	6213'	2		0' - 6255'
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
Basin Dakota: 5999'-6123'				Deviation
26. Type Electric and Other Logs Run				27. Was Well Cored
IES, GR-Density, GR-CBL/VDL				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.30 #	229'	12 1/4"	275 sacks	
5 1/2"	15.5#	6255'	7 7/8"	750 sacks	

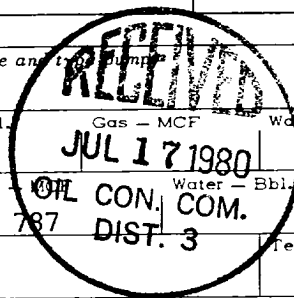
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					1 1/2"	6118'	2705'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DK: 5999', 6004', 6010', 6021', 6026', 6084', 6094', 6100', 6106', 112', 6117', 6123'. Total of 12 holes.		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>5999'-6123'</td> <td>88,770 gals 30# gel & 72,600# 20/40 sand</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5999'-6123'	88,770 gals 30# gel & 72,600# 20/40 sand
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5999'-6123'	88,770 gals 30# gel & 72,600# 20/40 sand						

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type of pump)				Well Status (Prod. or Shut-in)	
		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-21-80	3 hours	3/4"					
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - Bbl.	Water - Bbl.	Oil Gravity - API (Corr.)	
56							

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

35. List of Attachments	
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>[Signature]</u>	TITLE <u>District Production Manager</u> DATE <u>7-9-80</u>



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