

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF-079634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McClanahan

9. WELL NO.

#15E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 14, T28N, R10W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

910' FSL & 1650' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

2-17-80

16. DATE T.D. REACHED

2-26-80

17. DATE COMPL. (Ready to prod.)

4-23-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5737' GR

20. TOTAL DEPTH, MD & TVD

6490'

21. PLUG, BACK T.D., MD & TVD

6436'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Mesa Verde: 4190' - 4399'

25. WAS DIRECTIONAL
SURVEY MADE

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES and Gr-Density

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	234'	12 1/4"	200 sacks	
5 1/2"	15.5#	6480'	7 7/8"	610 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	4401'	4505'

31. PERFORATION RECORD (Interval, size and number)

Mesa Verde: 4190', 4195', 4200', 4212',
4218', 4224', 4232', 4242',
4260', 4264', 4274', 4392',
4399'. (13 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4190' - 4399'	72,996 gals water & 63,000# 20/40 sand

33.*

DATE FIRST PRODUCTION

5-7-80

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

Shut - In

DATE OF TEST

5-7-80

HOURS TESTED

3 hours

CHOKE SIZE

1/2"

PROD'N. FOR
TEST PERIOD

→

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW, TUBING PRESS.

48

CASING PRESSURE

605

CALCULATED
24-HOUR RATE

→

OIL—BBL.

GAS—MCF.

420

WATER—BBL.

OIL GRAVITY-API (CORR.)

24. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

25. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

BY District Production Manager

DATE 5-13-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
FORMATION	TOP BOTTOM	NAME	MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	920'		
Fruitland	1600'		
Pict. Cliffs	1886'		
Cliff House	3540'		
Pt. Lookout	4182'		
Gallup	5368'		
Graneros	6252'		
Dakota	6320'		

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

910' FSL & 1650' FEL

At top prod. interval reported below

At total depth

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DATE ISSUED

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SF-079634

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San Juan

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15. DATE SPUDDED 2-17-80 16. DATE T.D. REACHED 2-26-80 17. DATE COMPL. (Ready to prod.) 4-23-80 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 5737' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6490' 21. PLUG, BACK T.D., MD & TVD 6436' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Dakota: 6263' - 6434' 25. WAS DIRECTIONAL SURVEY MADE Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES and GR-Density

25. CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8 5/8"	24#	234'	12 1/4"	200 sacks		
5 1/2"	15.5#	6480'	7 7/8"	610 sacks		

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	BUCKER SET (MD)
					2 1/16"	6416'	4505'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Lwr DK: 6382', 6387', 6392', 6398', 6409', 6421', 6428', 6434'. (8 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		6382' - 6434'	60,398 gals 30# gel & 37,569# 20/40 sand
Upr DK: 6263', 6268', 6326', 6332', 6338', 6344', 6350'. (7 holes)		6263' - 6350'	57,120 gals 30# gel & 46,200# 20/40 sand

33.* PRODUCTION				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	Flowing		Shut - In	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
4-30-80	3 Hours	1/2"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
167	--	→		917			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

ACCEPTED FOR RECORD

TEST WITNESSED BY
Jim Choquette

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE: District Production Manager

DATE 5-13-80

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Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS		
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FORMATION	TOP			
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Fruitland	1600'			
Pict. Cliffs	1886'			
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