

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.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR <u>Southland Royalty Company</u>							
3. ADDRESS OF OPERATOR <u>P. O. Drawer 570, Farmington, NM 87401</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface At top prod. interval reported below At total depth <u>1745' - 6595'</u>							
14. PERMIT No. _____ DATE ISSUED _____							
5. LEASE DESIGNATION AND SERIAL NO. <u>SF-080781</u>							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME <u>McClanahan</u>							
9. WELL NO. <u>#19E</u>							
10. FIELD AND POOL, OR WILDCAT <u>Blanco Mesa Verde Basin, Dakota</u>							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Section 14, T28N, R10W</u>							
12. COUNTY OR PARISH <u>San Juan</u>				13. STATE <u>NM</u>			
15. DATE SPUDDED <u>2-7-80</u>		16. DATE T.D. REACHED <u>2-15-80</u>		17. DATE COMPL. (Ready to prod.) <u>6-17-80</u>		18. ELEVATIONS (DF, REB, RT, GR, ETC.) * <u>5784' GR</u>	
20. TOTAL DEPTH, MD & TVD <u>6595'</u>		21. PLUG BACK T.D., MD & TVD <u>6549'</u>		22. IF MULTIPLE COMPL., HOW MANY * <u>2</u>		23. INTERVALS DRILLED BY <u>ROTARY TOOLS</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * <u>Blanco Mesa Verde: 4216' - 4448'</u>						25. WAS DIRECTIONAL SURVEY MADE <u>Deviation</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>IES and GR-Density</u>						27. WAS WELL CORED <u>No</u>	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
<u>8 5/8"</u>	<u>24#</u>	<u>234'</u>	<u>12 1/4"</u>	<u>140 sacks</u>			
<u>5 1/2"</u>	<u>15.5#</u>	<u>6595'</u>	<u>8 7/8"</u>	<u>625 sacks</u>			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>1 1/2"</u>	<u>4448'</u>	<u>4527'</u>
31. PERFORATION RECORD (Interval, size and number) <u>MV: 4216', 4222', 4228', 4234', 4240', 4246', 4252', 4264', 4270', 4274', 4284', 4290', 4296', 4302', 4318', 4323', 4334', 4340', 4448'.</u> <u>Total of 19 holes.</u>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				<u>4216' - 4448'</u>	<u>128,000 gals wtr &amp; 118,000# 20/40 sand</u>		
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>				WELL STATUS (Producing or shut-in) <u>Shut-in</u>	
DATE OF TEST <u>6-17-80</u>	HOURS TESTED <u>3 hours</u>	CHOKE SIZE <u>1/2"</u>	PROD'N. FOR TEST PERIOD <u>→</u>	OIL—BBL. <u>61</u>	GAS—MCF. <u>61</u>	WATER—BBL. <u>61</u>	GAS-OIL RATIO <u>61</u>
FLOW. TUBING PRESS. <u>0</u>	CASING PRESSURE <u>1182</u>	CALCULATED 24-HOUR RATE <u>→</u>	OIL—BBL. <u>61</u>	GAS—MCF. <u>61</u>	WATER—BBL. <u>61</u>	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Sold</u>							
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 <u>District Production Manager</u>				DATE <u>6-26-80</u>	

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and is to be used by all types of producers 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: "Seeds 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 POHOUTS 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			NAME	TOP	
FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	962'				
Fruitland	1656'				
Pict. Cliffs	1923'				
Cliff House	3495'				
Pt. Lookout	4210'				
Gallop	5428'				
Graneros	6306'				
Dakota	6376'				

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5. LEASE DESIGNATION AND SERIAL NO.

SF-080781

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McClanahan

9. WELL NO.

#19E

10. FIELD AND POOL OR WILDCAT

Basin Dakota  
Blanco Mesa Verde11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Section 14, T28N, R10W

12. COUNTY OR  
PARISH

San Juan

13. STATE

NM

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ESYR. ☐ 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

1795' FNL & 845' FWL  
At top prod. interval reported below

At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED 2-7-80 16. DATE T.D. REACHED 2-15-80 17. DATE COMPL. (Ready to prod.) 6-17-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5784' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD 6595' 21. PLUG, BACK T.D., MD &amp; TVD 6549' 22. IF MULTIPLE COMPL., HOW MANY\* 2 23. INTERVALS DRILLED BY → 0'-6595' ROTARY TOOLS CABLE TOOLS

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

Basin Dakota - 6312'-6500'

25. WAS DIRECTIONAL  
SURVEY MADE

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES and GR-Densitu

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING METHOD	AMOUNT PULLED
8 5/8"	24#	234'	12 1/4"	140 sacks	
5 1/2"	15.5#	6595'	7 7/8"	625 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	6400'	4537'

31. PERFORATION RECORD (Interval, size and number)

DK: 6312', 6318', 6378', 6384', 6390',  
6396', 6402', 6408', 6414', 6420', 6426',  
6444', 6450', 6488', 6494', 6500'.

Total of 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6312'-6426'	84,800 gals 30# gel & 74,800# 20/40 sand.
6444', 6500'	32,000 gals 30# gel & 22,000# 20/40 sand

33.\*

## PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-10-80	3 hours	1/2"	→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
230	---	→		1575			

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

Sold

TEST WITNESSED BY  
Joe 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 6-26-80

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

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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.

**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 POHOTOS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, FINE TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	TOP
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	962'				
Fruitland	1656'				
Pict. Cliffs	1923'				
Cliff House	3495'				
Pt. Lookout	4210'				
Gallop	5428'				
Graneros	6306'				
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