

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R855.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

NM-6889

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Reese Mesa

9. WELL NO.

#6

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde
Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 10, T32N, R8W

12. COUNTY OR
PARISH
San Juan13. STATE
NM1a. 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

790' FNL & 2120' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

11-19-79

12-4-79

9-28-80

6999' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

8700'

8696'

2

0' - 8700'

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

25. WAS DIRECTIONAL
SURVEY MADE

Mesa Verde: 6063' - 6349'

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

IES, GR-Density, GR-Induction

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32#	234'	12 1/4"	140 sacks	
7"	20#	6652'	8 3/4"	300 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	6514'	8698'	260 SX		1 1/2"	6327'	6575'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

MV: 6063', 6093', 6156', 6192',
6198', 6215', 6250', 6256', 6262',
6268', 6274', 6287', 6292', 6297',
6304', 6322', 6349'. (17 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6063'-6349'	129,120 gals water & 90,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing 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
11-17-80	3 hrs.	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)	
59	522	→		984			

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

Sold

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 Mgr. DATE 12-5-80

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

NMOC

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.), formations, 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. Consult local State

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 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: "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 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	2730'						
Fruitland	3512'						
Pict. Cliffs	3870'						
Cliff House	5960'						
Pt. Lookout	6240'						
Gallup	7610'						
Ganeros	8387'						
Dakota	8493'						

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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						5. LEASE DESIGNATION AND SERIAL NO.									
Southland Royalty Company						NM-6889									
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
P. O. Drawer 570, Farmington, NM 87401						7. UNIT AGREEMENT NAME									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						8. FARM OR LEASE NAME									
At surface						Reese Mesa									
790' FNL & 2120' FEL						9. WELL NO.									
At top prod. interval reported below						#6									
At total depth						10. FIELD AND POOL, OR WILDCAT									
						Blanco Mesa Verde/ Basin Dakota									
14. PERMIT NO.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
DATE ISSUED						Section 10, T32N, R8W									
15. DATE SPUDDED						12. COUNTY OR PARISH									
11-19-79						San Juan									
16. DATE T.D. REACHED						13. STATE									
12-4-79						NM									
17. DATE COMPL. (Ready to prod.)						18. ELEVATIONS (DF, REB, RT, GR, ETC.)*									
9-28-80						6999' GR									
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD									
						8700'									
21. PLUG, BACK T.D., MD & TVD						22. IF MULTIPLE COMPL., HOW MANY*									
8696'						2									
23. INTERVALS DRILLED BY						ROTARY TOOLS									
						0'-8700'									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE									
Dakota: 8512' - 8678'						Deviation									
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED									
IES, GR-Density, GR-Induction						No									
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
9 5/8"		32#		234'		12 1/4"		140 sacks							
7"		20#		6652'		8 3/4"		300 sacks							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
4 1/2"		6514'		8698'		260 SX				2 3/8"		8670'		6575'	
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Upper DK: 8512', 14', 16', 18', 20', 22', 24', 26', 59', 61', 63', 65', 67', 74', 76', 78', 80. Mid DK: 8605', 07', 09', 11', 13', 19', 21', 23', 25', 27', 29', 34', 36', 38', 40'. Lower DK: 8650', 52', 54', 56', 64', 66', 68', 70', 72', 74', 76', 78'.								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
								8512'-8580'				28,018 gals 30# gel & 3,255# 20/40 sd.			
								8605'-8640'				22,764 gals 30# gel & 6,340# 20/			
								8650'-8678'				58,730 gals 30# gel & 9,780# 20/			
33.* PRODUCTION								WELL STATUS (Producing or shut-in)							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						Shut-in							
11-10-80		Flowing													
HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		OIL GRAVITY-API (CORR.)		GAS-OIL RATIO			
3 hours		3/4"						976							
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		OIL GRAVITY-API (CORR.)		GAS-OIL RATIO			
73															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								TEST WITNESSED BY							
Sold								OIL CON. DIST. 3							
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 12-5-80							

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

INSTRUCTIONS

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