

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 ☐	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						SF-077648	
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						Davis	
1520' FSL & 790' FWL						9. WELL NO.	
At top prod. interval reported below						#7E	
At total depth						10. FIELD AND POOL, OR WILDCAT	
						Undesignated Fruitland Basin Dakota	
14. PERMIT NO.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
DATE ISSUED						Section 11, T31N, R12W	
15. DATE SPUDDED						12. COUNTY OR PARISH	
4-5-80						San Juan	
16. DATE T.D. REACHED						13. STATE	
4-19-80						NM	
17. DATE COMPL. (Ready to prod.)						18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
8-1-80						6283' GL	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD	
						7541'	
21. PLUG, BACK T.D., MD & TVD						22. IF MULTIPLE COMPL., HOW MANY*	
7508'						2	
23. INTERVALS DRILLED BY						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
ROTARY TOOLS						25. WAS DIRECTIONAL SURVEY MADE	
CABLE TOOLS						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)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		32.30#		242'		12 1/4"	
7"		20#		5046'		8 3/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4 1/2"		4890'		7541'		304 SX	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
1 1/2"		2781'		CON. COM. 947'		DIST. 3'	
31. PERFORATION RECORD (Interval, size and number)							
Fruitland: 2372', 2376', 2757', 2761', 2765'. (5 holes)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2372'-2765'				40,130 gals water & 20,000# 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	
8-15-80		3 hrs.		3/4"			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
7		53				221	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold						Steve Kellanaers	
35. LIST OF ATTACHMENTS							
ACCEPTED FOR RECORD							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		SEP 21 1980		TITLE		DATE	
				District Production Manager		8-21-80	

FARMINGTON DISTRICT (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 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: "Nacks 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:

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Not Present					
Fruitland	2366'					
Pict. Cliffs	2793'					
Cliff House	4320'					
Pt. Lookout	5112'					
Gallup	6470'					
Greenhorn	7208'					
Graneros	7262'					
Dakota	7404'					

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 ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-077648	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, NM 87401		8. FARM OR LEASE NAME Davis	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1520' FSL & 790' FWL At top prod. interval reported below At total depth		9. WELL NO. #7E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 4-5-80		16. DATE T.D. REACHED 4-19-80	
17. DATE COMPL. (Ready to prod.) 8-1-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6283' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7541'	
21. PLUG, BACK T.D., MD & TVD 7508'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY 10' - 7541'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota: 7333'-7496'	
25. WAS DIRECTIONAL SURVEY MADE Deviation		26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
9 5/8"		32.30#	
7"		20#	
DEPTH SET (MD)		HOLE SIZE	
242'		12 1/4"	
5046'		8 3/4"	
CEMENTING RECORD		COUNT PULLED	
120 SX		379 SX	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
4 1/2"		4890'	
BOTTOM (MD)		SACKS CEMENT*	
7541'		304 SX	
SCREEN (MD)		SIZE	
2 3/8"		7309'	
31. PERFORATION RECORD (Interval, size and number) DK: 7333', 7338', 7408', 7413', 7418', 7423', 7428', 7440', 7447', 7453', 7468', 7485', 7496'. (13 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7333'-7496'		119,000 Gals 30# gel & 56,700# 20/40 sd.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-in		35. LIST OF ATTACHMENTS	
DATE OF TEST 8-8-80		HOURS TESTED 3 hours	
CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD 1#	
OIL—BBL. 151		GAS—MCF. 151	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
36. I hereby certify that the above information is complete and correct as determined from all available records		TEST WITNESSED BY Steve Kellanaers	
SIGNED SEP 2 1980		TITLE District Production Manager	
DATE 8-21-80		(See Instructions and Spaces for Additional Data on Reverse Side)	

FARMINGTON DISTRICT

NMCCC

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: "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: 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Not Present					
Fruitland	2366'					
Pict. Cliffs	2793'					
Cliff House	4320'					
Pt. Lookout	5112'					
Gallup	6470'					
Greenhorn	7208'					
Graneros	7262'					
Dakota	7404'					