

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1810' FNL & 1840' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
SF-076958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hare

9. WELL NO.
17-E

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

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

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. PERMIT NO. U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DATE SPUDDED
2-22-81

16. DATE T.D. REACHED
3-07-81

17. DATE COMPL. (Ready to prod.)
5-18-81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5741' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6772'

21. PLUG, BACK T.D., MD & TVD
6729'

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY
0-6772

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4093'-4304' (Menefee)
4374'-4553' (Point Lookout)

25. WAS DIRECTIONAL SURVEY MADE
Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES, GR-Density, Sonic, GR-CBL/CCL

27. WAS WELL CORED
No

Section 15, T29N, R10W

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75#	212'	13-3/4"	140 sacks	
5-1/2"	15.50#	6772'	7-7/8"	1107 sacks (3 stages)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
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30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/2"	4527'	4658'

31. PERFORATION RECORD (Interval, size and number)
MV (Menefee) 4093', 4099', 4105', 4212', 4218', 4254', 4260', 4304' (8 holes). MV (Pt. Lookout) 4374', 4380', 4386', 4392', 4408', 4428', 4434', 4464', 4470', 4476', 4484', 4490', 4553' (13 holes).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4093'-4304'	Frac'd Menefee with 60,000 gals wtr & 50,000# 20/40 sand
4374'-4553'	Frac'd Pt. Lookout with 78,000 gals fresh wtr & 39,000# 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
5-21-81	3	3/4"	→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
118	692	→		2188		

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

TEST WITNESSED BY
Dean Lingo

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 Dist. Prod. Manager

DATE JUN 9, 1981

BY _____

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

ACCEPTED FOR RECORD

NM000

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	892'					
Fruitland	1734'					
Pictured Cliffs	2108'					
Chacra	3080'					
Cliff House	3765'					
Point Lookout	4012'					
Gallup	5627'					
Greenhorn	6372'					
Graneros	6436'					
Dakota	6553'					