

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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 1520' FNL & 1830' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 101

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 101

9. WELL NO.

7-M

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

Blanco Mesaverde

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

Section 12, T26N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED 9-25-81 16. DATE T.D. REACHED 10-08-81 17. DATE COMPL. (Ready to prod.) 11-4-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7173' KB 19. ELEV. CASINGHEAD 7161' GL

20. TOTAL DEPTH, MD & TVD 8323' 21. PLUG, BACK T.D., MD & TVD 8278' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0-8325' ROTARY TOOLS CABLE TOOLS

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

8059'-8238' (Dakota)

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Induction and GR-Density

25. WAS DIRECTIONAL SURVEY MADE

Deviation

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
10-3/4"	32.75#	237'	13-3/4"	*** SEE OTHER SIDE	
7-5/8"	26.40#	4200'	9-7/8"	FOR CEMENT REPORT***	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	4061'	8323'	410		1-1/2"	8183'	6279'

31. PERFORATION RECORD (Interval, size and number)

Dakota:

8059', 8064', 8069', 8074', 8196', 8204', 8238' Total of 7 holes.

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
8059'-8238' Frac'd with 96,500 gals of Mini Max III & 103,500# 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)				
6-8-82		Flowing					Shut-In				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—BBL.	WATER—BBL.	GAS-OIL RATIO				
6-8-82	3	3/4"	→	---	---	---	---				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—BBL.	WATER—BBL.	OIL GRAVITY-API (CORR.)					
10	---	→	---	---	---	---					

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

to be 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

R. E. Fidler

TITLE District Engineer

DATE June 28, 1982

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

NMOCC

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
ESTIMATED TOPS			CEMENT REPORT			
Ojo Alamo	3508'		10-3/4" Casing - Cemented with 140 sacks of Class "B" with 1/4# flocele per sack & 3% CaCl ₂ . PD @ 8:30 AM 9-26-82. Cmt circ.			
Fruitland	3700'		7-5/8" Casing - Cemented with 415 sacks of Class "B" 50/50 Poz with 6% gel & 1/4# gel flake/sx, tailed in with 50 sxs of Class "B" Neat with 2% CaCl ₂ . PD @ 3:30 AM 10-3-81.			
Pictured Cliffs	3868'		5-1/2" Casing - Cemented with 410 sxs of Class "B" 50/50 Poz with 6% gel & 1/4# flocele/sx, .6% D-19, .5% D-31. PD @ 1:15 PM 10-7-81. Cmt circulated.			
Chacra	4811'					
Cliff House	5542'					
Point Lookout	6007'					
Gallup	7052'					
Greenhorn	7956'					
Graneros	8052'					
Dakota	8190'					