

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*

1. 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 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1110' FNL & 930' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-077282

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grenier "A"

9. WELL NO.

3M

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

X Basin Dakota

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

Section 34, T30N, R10W

12. COUNTY OR PARISH
San Juan

13. STATE

New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (OF, RES, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-02-84	1-16-84	2-22-84	6061' KB	6049' GL

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7200'	7150'	2	→	0-7200'	----

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

6888'-7040' (Dakota)

25. WAS DIRECTIONAL SURVEY MADE

Deviational

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL, IEL and CBL

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 RECORD	AMOUNT PULLED
10-3/4"	40.50#, H-40	243'	13-3/4"	**SEE REVERSE SIDE**	
5-1/2"	15.5# & 17#	7193.48'	7-7/8"	" " "	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
----	---	---	---	--	1-1/2"	7027'	5259'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Dakota - 12 holes:

6888', 6890', 6894', 6896', 6970', 6979',
6985', 6992', 7034', 7036', 7038', 7040'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6888' - 7040'	Fraced with 108,720 gals of 40# Polaris 1% KCl & 63,000# of 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)	
3-18-84		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-18-84	3	3/4"	→	---	93	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
53	---	→	----	746	----	----	

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

To be sold

TEST WITNESSED BY

Steve Kellenaers

35. LIST OF ATTACHMENTS

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Othello Greener

APR 4 1984
TITLE Secretary

DATE

3-27-84

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

DIST. 3

N4000

EXAMINATION RESOURCE AREA

Smm

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.)

Item #28: 10-3/4" casing cemented with 183 cu.ft. (155 sxs) of Class "B" with 1/4# flocele/sx & 3% CaCl₂. PD @ 1:00 AM 1/4# flocele/sx, followed w/59 cuft (50 sxs) of Cl B w/2% CaCl₂. PD @ 8:05 PM 1-19-84. Gd circ. **CONTINUED BELOW***

5-1/2" cemented 1st Stage w/248 cu.ft. (160 sxs) of Cl B 50/50 Poz w/6% gel, 1/4# flocele/sx, followed w/59 cu.ft. (50 sxs) of Cl B w/2% CaCl₂. PD @ 2:35 PM 1-19-84. Gd Circ. Cmtd 2nd Stge w/636 cu.ft. (410 sxs) of Cl B 50/50 Poz w/6% gel &

1/4# flocele/sx, followed w/59 cuft (50 sxs) of Cl B w/2% CaCl₂. PD @ 8:05 PM 1-19-84. Gd circ. **CONTINUED BELOW***

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, TIRE TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Ojo Alamo	1245'		Cmtd 3rd Stge w/783 cu.ft. (505 sxs) of			
Fruitland	2115'		Cl B 50/50 Poz w/6% gel, followed w/59			
Pictured Cliffs	2530'		cu.ft. (50 sxs) of Class B with 2% CaCl ₂ .			
Cliff House	4082'		PD @ 1:35 AM 1-20-84. Circ 10 bbls			
Point Lookout	4809'		slurry to surface.			
Mancos	5053'					
Gallup	6042'					
Greenhorn	6783'					
Graneros	6830'					
Dakota	6965'					