

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-B455.6.

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. RESER. ☐	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
SOUTHLAND ROYALTY COMPANY						8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						9. WELL NO.	
P.O. DRAWER 570, FARMINGTON, NEW MEXICO 87499						1R	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)*						10. FIELD AND POOL, OR WILDCAT	
At surface 790' FSL & 1110' FWL						Governador Pictured Cliffs	
At top prod. interval reported below						Blanco Mesa Verde	
At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
14. PERMIT NO.						12. COUNTY OR PARISH	
DATE ISSUED						13. STATE	
NOV 15 1982						Rio Arriba New Mexico	

15. DATE STUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-19-82	8-27-82	10-21-82	6786' KB	6773' GL
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED	24. CABLE TOOLS
6200'	6102'		2000	---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE
3609'-3732' (Pictured Cliffs)				Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN				27. WAS WELL CORED
GR-IEL/CDL and CBL				No

28. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
9-5/8"	32.30#	339.90'	12-1/4"	SEE CEMENT RECORD ON BACKSIDE
7"	23#	3950'	8-3/4"	

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"	3727'	6134'	474 cu. ft.		1-1/2"	3710'	3819'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Pictured Cliffs: Total 17 holes		DEPTH INTERVAL (MD)	
3609', 3613', 3619', 3624', 3630', 3636', 3644', 3676', 3688', 3693', 3698', 3703', 3708', 3713', 3718', 3726', 3732'.		3609'-3732'	
		AMOUNT AND KIND OF MATERIAL USED	
		Frac'd with 143,638 gals frac fluid and 124,000# 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)	
11-3-82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-3-82	3	3/4"	→	---	294	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
193	630	→	---	2349	---	---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
To be Sold						Steve McCament	
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 Cather GreyerTITLE SecretaryDATE 11-12-82

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

ACCEPTED FOR RECORD

NOV 22 1982

NM000

FARMINGTON DISTRICT
BY Elliott

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.

Item 4: 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, CURSION 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 Fruitland Pictured Cliffs Intermediate Csg Cliff House Point Lookout	2845' 3355' 3572' 3949' 5590' 5894'		#28 Cement Record 9-5/8" casing cemented with 217 cu. ft. of Class "B" Neat with 3% CaCl₂. PD at 8:15 PM 8-19-82. Cmt circ to surface. 7" casing cemented as follows: with 241 cu. ft. of Class "B" 50/50 Poz, 6% gel, and 1/4# floccule per sack, tailed in with 84 cu. ft. of Class "B", 2% CaCl₂ and 1/4# floccule per sack. PD at 10:00 AM 8-24-82. Good circulation			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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(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 ☐ GAS ☒ DRY ☐ Other _____
2. TYPE OF COMPLETION: NEW ☒ 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 790' FSL & 1110' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

NOV 15 1982

5. LEASE DESIGNATION AND SERIAL NO.

NM-0558140

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

La Jara

9. WELL NO.

1R

10. FENCE AND POOL, OR WILDCAT

Blanco Mesaverde
Gobernador Pictured Cliffs

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

Section 10, T29N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED 8-19-82 16. DATE T.D. REACHED 8-27-82 17. DATE COMPL. (Ready to prod.) 10-21-82 18. ELEVATIONS (OF, REB, BT, OR, ETC.)* 6786' KB 19. ELEV. CASINGHEAD 6773' GL

20. TOTAL DEPTH, MD & TVD 6200' 21. PLUG, BACK T.D., MD & TVD 6102' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLING 0-6200 24. WAS DIRECTIONAL SURVEY MADE Deviation

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

5674'-5974' (Mesaverde)

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-IEL/CDL and CBL

29. 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"	32.30#	339.90'	12-1/4"	SEE CEMENT RECORD ON BACKSIDE	
7"	23#	3950'	8-3/4"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3727'	6134'	474 cu. ft.		2-3/8"	5954'	3819'

31. PERFORATION RECORD (Interval, size and number)

Mesaverde: Total of 15 holes
5674', 5682', 5734', 5740', 5746', 5779',
5784', 5885', 5902', 5908', 5914', 5924',
5933', 5961', 5974'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5674'-5974'	Frac'd with 78,398 gals frac fluid and 94,000# 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)	
11-10-82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-10-82	3	3/4"	→	---	181	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
114	----	→	----	1445	----	-----	

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

To be Sold

TEST WITNESSED BY

Steve McCament

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

Esther Greysa

TITLE

Secretary

DATE

11-12-82

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

ACCEPTED FOR RECORD

NM000

NOV 22 1982

FARMINGTON DISTRICT

BY

5.661

INSTRUCTIONS

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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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
Ojo Alamo	2845'			
Fruitland	3355'			
Pictured Cliffs	3572'			
Intermediate ds	3949'			
Cliff House	5590'			
Point Lookout	5894'			
#28 Cement Record 9-5/8" casing cemented with 217 cu.ft. of Class "B" Neat with 3% CaCl ₂ . PD at 8:15 PM 8-19-82. Cement circ to surface. 7" casing cemented with 241 cu.ft. of Class "B" 50/50 Poz, 6% gel, and 1/4# flocele per sack, tailed in with 84 cu.ft. of Class "B", 2% CaCl ₂ and 1/4# flocele per sack. PD @ 10:00 AM 8-24-82. Good Circulation.				