

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 *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
2. 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 1850' FNL & 1650' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPLOGGED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

1-20-84

1-26-84

2-25-84

5450' KB

5438' 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

5950'

5903'

0-5950'

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

25. WAS DIRECTIONAL SURVEY MADE

5607'-5760' (Basin Dakota)

Deviational

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL, CDL/CNL, CBL and After Frac GR-Log

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
8-5/8"	24#,K-55	218.74'	12-1/4"	** SEE REVERSE SIDE**	
4-1/2"	11.6#,K-55	5949.25'	7-7/8"	" " "	

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)
2-3/8"	5735'	---

31. PERFORATION RECORD (Interval, size and number)

Dakota: (Total of 9 holes)

5607', 5612', 5668', 5708', 5713', 5717',

5725', 5754', 5760'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5607'-5760'	Fraced with 24 420 gals of 2% KCl & Nitrogen, 70% foam and 62,000# 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)	
3-09-84		Flowing					Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
3-09-84	3	3/4"	→	---	318	---	---	
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
210	458	→	---	2544	---	-----		

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

To be Sold

TEST WITNESSED BY

John Hamner

35. LIST OF ATTACHMENTS

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

SIGNED Esther J. Greengard TITLE Secretary

DATE March 16, 1984

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

ACCEPTED FOR RECORD
MAR 29 1984

FARMINGTON RESOURCE AREA
BY SMW

NMOC
COPY

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 23, and 33, below regarding separate reports for separate completions.

If it is 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 dated 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 10: Attach to this form a log of depth measurements (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 (multiple completion), as it is in Item 31, and in Item 31 show the production interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 23. 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 25: "Stages Completed": 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: 8-5/8" casing cmtd with 236 cu.ft. (200 sacks) of Class "B" with 1/4# floccle/sx & 3% CaCl₂. PD @ 1:00 AM 1-21-84. Circulated 10 bbls cement to surface.

4-1/2" casing cemented 1st Stage with 333 cu.ft. (225 sacks) of Class "B" 50/50 Poz with 1/4# cellophane/sack, followed with 130 cu.ft. (110 sacks) of Class "B" with 2% CaCl₂. PD @ 10:45 PM 1-28-84. Good Circulation.

Could not get bomb down to open DV tool. Cut off casing and set slips ***CONTINUE BELOW***

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: COILED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUBIC FEET FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Fruitland	763'		Cemented 2nd Stage with 585 cu.ft. (385 sacks) of Class "B" 50/50 Poz with 1/4# cellophane per sack and 6% gel, followed with 59 cu.ft. (50 sacks) of Class "B" Neat with 2% CaCl ₂ . PD @ 7:00 PM 2-2-84. Good circulation.			
Pictured Cliffs	964'					
Chacra	1600'					
Point Lookout	3418'					
Gallup	4686'					
Greenhorn	5456'					
Dakota	5660'					
Total Depth	5950'					