

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 *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR. ☐ Other _____

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, NM 87401

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

At surface 1345' FNL & 750' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10-19-79 16. DATE T.D. REACHED 11-27-79 17. DATE COMPL. (Ready to prod.) 2-13-80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6564' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7174' 21. PLUG, BACK T.D., MD & TVD 7129' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Dakota: 7044' - 7150' Upper Dakota: 6894' - 6998' 25. WAS DIRECTIONAL SURVEY MADE Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Induction, GR-Density, GR-Correlation

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#	226'	12 1/4"	140 sacks	
5 1/2"	15.5#	7172'	7 7/8"	770 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7141'	

31. PERFORATION RECORD (Interval, size and number)

Lower Dakota: 7044', 7080', 7127', 7135', 7150'. (5 holes.)

Upper Dakota: 6894', 6974', 6982', 6990', 6998'. (5 holes.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7044'-7150'	57,624 gals 30# gel & 29,888# 20/40 sd.
6894'-6998'	61,404 gals 30# gel & 36,300# 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut - In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS—OIL RATIO
2-13-80	3 hours	3/4"					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OF CRUDE OIL (CORR.)	
82	570			1255			

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

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

TITLE District Production Manager

DATE

2-18-80

FARMINGTON DISTRICT

*(See Instructions and Spaces for Additional Data on Reverse Side) BY M. L. Kuchera

NMOCG

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, 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 each 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 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 : COILED INTERVALS : AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	990'					
Fruitland	2243'					
Pict. Cliffs	2496'					
Cliff House	4022'					
Pt. Lookout	4825'					
Gallup	5996'					
Dakota	6797'					

38. GEOLOGIC MARKERS