

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 _____
1b. 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 & 1725' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-077874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanks

9. WELL NO.

16E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 6, T27N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE STUDDER

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

19. ELEV. CASINGHEAD

6-8-82

6-20-82

7-17-82

6362' KB

6350' 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

7000'

6980'

0-7000'

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

25. WAS DIRECTIONAL SURVEY MADE

6802'-6961' (Dakota)

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction, CDL 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
8-5/8"	24#	217'	12-1/4"	** SEE OTHER SIDE FOR CEMENT REPORT**	
5-1/2"	17#	6997'	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"	6893'	---

31. PERFORATION RECORD (Interval, size and number)

Dakota: 7 holes.

6802', 6807', 6813', 6858', 6876',
6955', 6961'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6802'-6961'	Frac'd with 12,000 gals 30# gelled wtr pad, 40,700 gals 30# gelled water with 1 PPG 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-18-82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-18-82	3	3/4"	→	---	47	----	----
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
21	462	→	---	380	----	----	

34. DISPOSITION OF GAS (Sol'd, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

Steve Kellenaeers

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 Dist. Production Manager

DATE

August 20, 1982

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

ACCEPTED FOR RECORD

AUG 30 1982

NMOC

FARMINGTON, NEW MEXICO
By *Ed Hecker*

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: "Xcel's 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 DEPTH-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						
Ojo Alamo	1390'		#28 Cement Report 8-5/8" casing cemented with 165 cu. ft. cement with 1/4# gel flake per sack and 3% CaCl ₂ . Plug down at 12:30 P.M. 6-9-82. Cement circulated. 5-1/2" casing cemented in 3 stages - 1st Stage cemented with 385 cu. ft. of class "B" 50/50 Poz with 6% gel & 1/4# floccel/sx tailed with 59 cu. ft. of class B Neat with 2% CaCl ₂ . PD @ 4:15 PM 6-20-82. 2nd Stage cemented with 385 cu. ft. of class B 50/50 Poz with 6% gel & 1/4# floccel/sx tailed with 59 cu. ft. of class B Neat with 2% CaCl ₂ . PD @ 9:45 PM 6-20-82. 3rd Stage cemented with 1817 cu. ft. of class "B" 50/50 Poz with 6% gel & 1/4# floccel/sx tailed with 88.5 cu. ft. of class B Neat with 2% CaCl ₂ . PD @ 3:15 AM 6-21-82. Good circulation all 3 stages.			
Fruitland	2065'					
Pictured Cliffs	2370'					
Chacra	3302'					
Cliff House	3940'					
Pont Lookout	4680'					
Gallup	5870'					
Greenhorn	6626'					
Graneros	6686'					
Dakota	6794'					