

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. 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 & 1830' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 9-25-81 16. DATE T.D. REACHED 10-08-81 17. DATE COMPL. (Ready to prod.) 11-4-81 18. ELEVATIONS (OF, RES., RT, GR, ETC.)* 7173' KB 19. ELEV. CASINGHEAD 7161' GL

20. TOTAL DEPTH, MD & TVD 8329' 21. PLUG, BACK T.D., MD & TVD 8278' 22. IF MULTIPLE COMPL., HOW MANY? 2 23. INTERVALS DRILLED BY 0-8325' ROTARY TOOLS CABLE TOOLS

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

5710'-6161' (Mesaverde)

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Induction and GR-Density

27. WAS WELL CORRED

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"	32.75#	237'	13-3/4"	*** SEE OTHER SIDE	
7-5/8"	26.40#	4200'	9-7/8"	FOR CEMENT REPORT***	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	4061'	8323'	410		1-1/2"	6120'	6279'

31. PERFORATION RECORD (Interval, size and number)

Mesaverde: 5710', 5871', 5876', 6018',
6024', 6030', 6036', 6042', 6052', 6057',
6062', 6069', 6075', 6080', 6086', 6099',
6105', 6144', 6151', 6161'.

Total of 20 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5710'-6161'	Frac'd with 111,000 gals fresh water & 96,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 6-15-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 6-15-82 HOURS TESTED 3 CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 189 OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 120 CASING PRESSURE 1156 CALCULATED 24-HOUR RATE 1513 OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

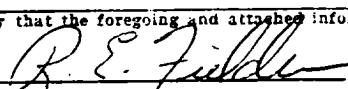
to be Sold

TEST WITNESSED BY
Odell Farley

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 Engineer

DATE June 28, 1982

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

NAOCC

EG 302h

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 53.

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: 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 83. 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.)

27. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
SUMMARY OF ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED 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	NAME	MEAS. DEPTH
CEMENT REPORT				
Ojo Alamo	3508'			
Fruitland	3700'			
Pictured Cliffs	3868'			
Chacra	4811'			
Cliff House	5542'			
Point Lookout	6007'			
Gallup	7052'			
Greenhorn	7956'			
Graneros	8052'			
Dakota	8190'			
10-3/4" Casing - Cemented with 140 sacks of Class "B" with 1/4# flocele per sack & 3% CaCl ₂ . PD @ 8:30 AM 9-26-82. Cmt circ. 7-5/8" Casing - Cemented with 415 sacks of Class "B" 50/50 Poz with 6% gel & 1/4# gel flake/sx, tailed in with 50 sxs of Class "B" Neat with 2% CaCl ₂ . PD @ 3:30 AM 10-3-81. 5-1/2" Casing - Cemented with 410 sxs of Class "B" 50/50 Poz with 6% gel & 1/4# flocele/sx, .6% D-19, .5% D-31. PD @ 1:15 PM 10-7-81. Cmt circulated.				