

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 2-1983

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other CON. DIV.

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 State requirements)

At surface 940' FNL & 1560' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.
MAY 27 1983

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-33015

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Fork

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Gallegos Gallup

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

Section 14, T26N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

4-01-83

16. DATE T.D. REACHED

4-09-83

17. DATE COMPL. (Ready to prod.)

4-14-83

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

6220' KB

19. ELEV. CASINGHEAD

6173' GL

20. TOTAL DEPTH, MD & TVD

5365'

21. PLUG, BACK T.D., MD & TVD

5333'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-5365'

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

5083'-5278' (Gallup)

25. WAS DIRECTIONAL SURVEY MADE

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/CNL, GR-Induction 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#	236'	12-1/4"	177 cu.ft. (Circulate to surface)	
4-1/2"	10.5#	5364'	7-7/8"	1775 cu.ft. Three stages	
				Top of cement	@ 450'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
---	---	---	---	---	2-3/8"	5247'	--

31. PERFORATION RECORD (Interval, size and number)

Gallup: Total of 12 holes

5083', 5150', 5159', 5200', 5207', 5219',
5226', 5231', 5236', 5258', 5264', 5278'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5083'-5278'	Frac'd with 68,000 gals of frac fluid and 66,500# 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)	
5-25 to 5/26, 1983		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/25-5/26	24	--	→	2	59	26	29500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	21 psig	→	2	59	26	--	

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

To be sold

TEST WITNESSED BY

Tom Wagner

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

R. E. Fiddle

TITLE

District Engineer

DATE

May 27, 1983

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

NMOC

FARMINGTON DISTRICT

BY

K. H. H. H.

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 23, 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.), formations 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.)

Item #28 8-5/8" casing cemented with 177 cu.ft. of Class "B" with 3% CaCl₂. PD at 7:30 PM 4-1-83. Cmt circulated. 4-1/2" casing cemented 1st stage with 124 cu.ft. of Class "B" with 1/4# celloflake per sack and 2% CaCl₂. PD @ 11:00 PM 4-9-83. 2nd Stage cmtd w/846 cu.ft. of Class "B" 50/50 Poz, 1/4# celloflake, tailed in with 59 cu.ft. Class "B" w/2% CaCl₂. PD @ 1:45 AM 4-10-83. 3rd Stage cmtd w/687 cu.ft. Class "B" 50/50 Poz with 6% gel, 1/4# celloflake, tailed in w/59 cu.ft. Cl B w/2% CaCl₂. PD @ 6:30 AM 4-10-83. TOC @ 450'.

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, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Ojo Alamo	270'					
Fruitland	1130'					
Pictured Cliffs	1400'					
DV Tool	1669'					
Chacra	1835'					
Cliff House	1835'	2270'				
Point Lookout	3905'					
DV Tool	4213'					
Gallup	4905'					
Total Depth	5365'					