

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. RESER. ☐ Other ☐

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

1405 Wilco Building, Midland, Texas

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

At surface 660' FNL & 660' FWL

At top prod. interval reported below Unknown

At total depth

Unknown

14. PERMIT NO.

R-3235

DATE ISSUED

5-11-1967

15. DATE SPUDDED

6-14-1967

16. DATE T.D. REACHED

1-23-1968

17. DATE COMPL. (Ready to prod.)

3-28-1968

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

3220.8 GR

19. ELEV. CASINGHEAD

3219

20. TOTAL DEPTH, MD & TVD

20066

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

14500

22. IF MULTIPLE COMPL.,
HOW MANY*

--

23. INTERVALS
DRILLED BY

-->

ROTARY TOOLS

0'-20066'

CABLE TOOLS

--

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

Top - 13466

Bottom - 14379

Name - Wolfcamp

25. WAS DIRECTIONAL
SURVEY MADE*

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Sonic, Induction, Laterolog, Microlaterolog

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
30		30	36	2 yards concrete	None
20	94#	380	26 1/2	700 sacks-circ.	None
13-3/8	61# 68# 72#	5300	17 1/2	3890 sx.-circ.	None
10-3/4	60-7#	12825	12 1/2	2697 sx.-T/6440'	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7-5/8	12544	17913	1200	None	2-7/8	13428	13407

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

13466'-13524', 0.40", 13 holes

13752'-14138', 0.52", 26 holes

14233'-14379', 0.40", 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13466-14379	120,000 gallons acid
13466-13524	17,000 gallons acid
13752-14138	17,000 gallons acid
14233-14379	10,500 gallons acid

33.*

DATE FIRST PRODUCTION

3-29-1968

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

Producing

DATE OF TEST

3-31-1968

HOURS TESTED

24

CHOKE SIZE

1/4

PROD'N. FOR
TEST PERIOD

-->

OIL—BBL.

213

GAS—MCF.

1374

WATER—BBL.

82

GAS-OIL RATIO

6450

FLOW. TUBING PRESS.

1400

CASING PRESSURE

Packer

CALCULATED
24-HOUR RATE

-->

OIL—BBL.

213

GAS—MCF.

1374

WATER—BBL.

82

OIL GRAVITY-API (CORR.)

490

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

Vented

TEST WITNESSED BY

--

35. LIST OF ATTACHMENTS

Duplicate copies of Gamma Ray-Sonic, Induction, Laterolog & Microlaterolog

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

SIGNED

J. C. Oliver

TITLE Drilling Engineer

DATE 6-24-1968

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

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 83, 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 85.

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 this 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.)

31. 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.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	5430	9524	No Gas or Oil, no cores, no tests	Anhydrite	920	
Bone Springs	9524	12080	No Gas or Oil, no cores, no tests	Salt	1060	
Wolfcamp	12080	14390	Oil and Gas 13466-14379'	Delaware sand	5430	
Atoka	14536	15250	Tested 14710'-14760', no recovery	Bone Springs	9524	
Morrow	15250	16250	Tested 15910'-15942', no oil, no water, Gas volume too small to measure	Wolfcamp	12080	
				Pennsylvanian	14390	
				Devonian	18432	
				Silurian	19693	
				Pusseleshan	19951	
Pusseleshan	19951	20066	Test 19943'-20066', 6000' water blanket Open 2 1/2 hours, IFF 7142#, IFF 8480# SIP 8680#, Recovery 12897' salt water + 6000' blanket.			