

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 *

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other JUL 24 1980

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other O.C.D.

2. NAME OF OPERATOR

Southland Royalty Company

ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

1100 Wall Towers West, Midland, Texas 79701

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

At surface

660' FNL & 1980' FWL, Sec. 27, T-18-S, R-29-E

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5/3/80

16. DATE T.D. REACHED

6/19/80

17. DATE COMPL. (Ready to prod.)

7/7/80

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

3558. 2' Gr

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,750' MD

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

11,650' MD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

10,752' - 10,778' MD Atoka

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/RXO, Comp Neut.-Form. Dens. w/GR Cal.

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
11 3/4"	42#	350'	15"	275 sxs cl "C" Neat + 7 1/2 yd	Ready Mix
8 5/8"	24 & 28#	3200'	11"	1100 sxs cl "C"	Circulated
4 1/2"	11.6, 13.5#	11,747'	7 7/8"	935 sxs Poz "A" 50-50 T/cmt @ 8280' by	Temp. Survey

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	10,607'	10,607'

31. PERFORATION RECORD (Interval, size and number)

10,752' - 10,778'

2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,752-10,778	Spot 150 gal. 10% acetic acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-7-80		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/7/80	1	12/64	→	0	69.25	0	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2400	N/A	→	0	1662	0	N/A	

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

Sold (SI WOPL)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric Logs

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

SIGNED

Donald R. Craig

TITLE District Operation Engineer

DATE 7/16/80

*(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 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: "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: CORED INTERVALS; AND ALL DRILL-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
Wolfcamp	8520'	8551'	DST#1: 15 min preflow, weak blow, 1 hr ISI 30 min FF, open w/weak blow & died. 90 min FSI, IH, 4146#, IF 15# ISI 79#, FF 15#, FSI 63#, FH 4146#. Rec 10' DM. Sampler=nopress Rec 2300 cc DM, Temp 130OF	San Andres	2906'	
Cisco-Canyon	9710'	9746'	DST#2: 15 min preflow, weak blow, 1 hr ISI 30 FF-weak to very weak blow. 1½ hr. FSI. IH 4599#, IF 43#-22#, ISI 394#, FF-22#, FSI 460#, FH 4599#, Rec. 90' of GCDM w/trace oil. Sampler 25#, Rec .037 CFG, 1000cc GCDM w/trace of oil	1st Bone Springs 2nd Bone Springs 3rd Bone Springs	6776' 7672' 8418'	
Atoka	10,720'	10,766'	DST#3: Preflow 13 min, open w/very strong blow. Press 450# on ½" choke = 3000 MCFGD. ISI 1 hr, FF 1 hr, press inc. to 320# on 3/4 ch. Approx 4000 MCFGD 3 hr FSI. IH 5526 #, IF 546-906#, ISI 4935#, FF 714-1304#, FSI 4935#, FH 5526#, Sampler 1050#, rec 7.5 CFG, Temp. 154OF.	Wolfcamp Cisco Canyon	8753' 9794' 10,015'	
Morrow	11,074'	11,102'	DST#4: 15 min. preflow, weak blow. 1 hr. ISI, 1 hr FF, weak to very weak blow. 3 hr FSI, IH 5905 #, IF 44-22, ISI 176, FF 44, FSI 614, FH 5905#. Rec 15'DM. Sampler 0# Rec.700cc DM. Temp 166OF.	Atoka Morrow	10,287' 10,558' 10,846'	