

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990' FNL & 1980' FWL, Sec. 7, T-18-S, R-33-E
At top prod. interval reported below
At total depth

14. PERMIT NO. 30-025-28918
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
LC-069420

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
West Corbin Federal

9. WELL NO.
7

10. FIELD AND POOL, OR WILDCAT
Wildcat (Wolfcamp) *San Andres*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 7, T-18-S, R-33-E

12. COUNTY OR PARISH
Lea
13. STATE
N.M.

15. DATE SPUDDED 10-15-84
16. DATE T.D. REACHED 11-29-85
17. DATE COMPL. (Ready to prod.) 11-12-85
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3935.4' GR
19. ELEV. CASINGHEAD -
20. TOTAL DEPTH, MD & TVD 11,275'
21. PLUG. BACK T.D., MD & TVD 6570'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY → 0-TD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5786-5806' Wolfcamp *San Andres*
25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CNL/LDT. GR/DLL/RXO & GR Sonic
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
13 3/8"	48#	400'	17 1/2"	400 sx. "C"	Circ
8 5/8"	24 & 28#	3690'	12 1/4"	1830 sx Lite & 300 "C"	Circ
5 1/2"	17#	11,275'	7 7/8"	640 50-50 Poz & 300 "H"	TOC @ 6950'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	SN @ 5769'	

31. PERFORATION RECORD (Interval, size and number)
11-166-76' (22)
11,027-40' (28) CIBP @ 10,998'
9832-78' (38)
9472-9572' (44)
8562-8600' (39) CIBP @ 9400'
See Attached Sheet
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
See Attached Sheet

33.* PRODUCTION
DATE FIRST PRODUCTION 2-17-85
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 2 1/2" x 1 1/2" x 22'
WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-18-85
HOURS TESTED 24
CHOKE SIZE -
PROD'N. FOR TEST PERIOD → 21
OIL—BBL. 21
GAS—MCF. TSTM
WATER—BBL. 3
GAS-OIL RATIO -
FLOW. TUBING PRBS. -
CASING PRESSURE -
CALCULATED 24-HOUR RATE → 21
OIL—BBL. 21
GAS—MCF. TSTM
WATER—BBL. 3
OIL GRAVITY-API (CORR.) 44

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented
TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Sundry, Logs, C-102, C-104, Deviation Survey, Temperature Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *John Stark* TITLE Operations Engineer DATE 12/3/85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

Federal or Indian land should be described in accordance with Federal instructions. Consult local State or Federal office for specific requirements. 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
BONE SPRING	5785	5821	DST #1 Hydro in @ 2504'. 5 min IF 32, Weak, 1 hr ISI 2504, 1/2 hr FF 32-44, very weak, 1 1/2 hr FSI 2504, Hydro out 2504. Drl pipe. Rec 40' drlg fluid w/tr oil. Sampler: Press 25#, 1920 cc drlg fluid, .04 cu ft gas, BHT 102 Deg.			
	6982	7124	DST #2 Hydro in 3145'. 5 min IF 104-200, weak, 1 hr ISI 3015, 1 hr FF 200-530, weak, 4 hr FSI 2880, hydro out 3145'. Drl pipe rec 10' oil/100' drlg fluid & 930' salt wtr. Sampler press 370#, .65 cu ft gas, 1950 cc wtr w/tr oil. BHT 114 Deg.			
	7985	8164	DST #3 Hydro in 3674, 5 min IF 404-1134, good blw, 1 hr ISI 3359, 1 hr FF 1134-3334, good blw, 3 hr FSI 3359, hydro out 3674. No gas to surf. Drl pipe rec 7280' wtr w/trace oil. Sampler press 400#, .06 cu ft gas, 2440 cc wtr. BHT 126 Deg.			
	8564	8616	DST #4 Hydro in 4103, 5 min IF 88-151, weak blow, 1 hr ISI 3175, 1 hr FF 151-215, fair blow, gas to surf in 60 min, 4 hr FSI 3163. Hydro out 4090. Drl pipe rec 60' oil & 60' drlg fluid. Sampler press 105#, .33 cu ft gas, 560 cc oil, 760 cc drlg fluid. BHT 128 Deg.			
	9805	9878	DST #5 5 min preflow, 60 min ISI, 60 min FF, 4 hr FSI. Preflow open tool w/strong blow. FF open tool w/strong blow, gas to surf in 27 min. Flwd @ rate of calculated 68 MCFD on 1/4" ck @ 32# press. IHMW 4809#, IF 36-153#, ISIP 2587#, FF 36-344#, FSIP 1913#, FHMW 4821#. Rec 8 B0, 3 bbls OGCM. Samp rec 600 cc oil, 150#, BHT 140 Deg.			
	10,055	9946	DST #6 Open tool w/good blow, NGTS. FF open tool w/good blow, NGTS, IHMP 4926#, IF 338-1038#, ISI 3307#, FF 1064-3053#, FSI 3307#, FHMP 4888#, Rec 6833' sulphur wtr. Sampler press 500#, 2400 cc sulphur wtr, BHT 140 Deg.			
	10,780	10,905	DST #7 Hydro in 5346, 10 min IF 27-65, no flw, 1 hr ISI 253, 30 min FF 65-90, no flw, 126 min FSI 90. Hydro out 5346. Drl pipe rec 15' no oil, 2000 cc drlg fluid			