Form 9-330
(Rev. 5-63)

N.M.O.C.D. COPY

C-15F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

RECEIVED
JUN 16 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 13627

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: PECOS RIVER FED. "20" COMM

2. NAME OF OPERATOR: SOUTHLAND ROYALTY COMPANY

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: 1100 WALL TOWERS WEST MIDLAND, TEXAS 79701

10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED MORROW

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FSL & 1980' FEL, SEC 20, T-19-S, R-27-E
At top prod. interval reported below
At total depth

RECEIVED
JUN 17 1980
O. C. D.
ARTESIA, OFFICE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 20, T-19-S, R-27-E

14. PERMIT NO.:

DATE ISSUED:

12. COUNTY OR PARISH: EDDY

13. STATE: NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/28/80	4/16/80	5/24/80	3392' Gr.	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10,510'	8,200'		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8186-8190' (~~Wolfcamp~~)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Neutron Density w/GR Caliper, Dual Laterolog w/RXO,GR-CCL

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#	200'	15"	300 sx Cl w/2% cc (circulated)	
8 5/8"	24#	2006'	11"	650 sxs LWC & Cl "C" w/2% cc (circulated)	
4 1/2"	11.6#	10,270'	7 7/8"	850 sxs Cl C T/cmt 7110' by TS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8140	8140

31. PERFORATION RECORD (*Interval, size and number*)
8186-8190' (2 JSPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8186-8190'	Acdz w/250 gals 15% NEA
*See 9-331 For	supplemental perf, acidizing &
	squeeze jobs.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
5/24/80	Flowing	Shut In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/30/80	1 hr	13/64"	→	0	61.6	0	0

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1630	0	→	0	1479	0	-

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

TEST WITNESSED BY: Wayne Grubbs

35. LIST OF ATTACHMENTS
CNDw/GR Caliper, Dual Laterolog w/RXO,GR-CCL, Inclination Survey, Temp Svy.

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 6/9/80

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	306'	
Grayburg	1208'	
San Andres	1738'	
Bone Spring	2525'	
Wolfcamp	7606'	
Cisco-Canyon	8155'	
Strawn	8794'	
Atoka	9470'	
Morrow	9676'	
Chester	10,219'	

*GPO 782-929