

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐										7. UNIT AGREEMENT NAME -																			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. LVSVR. ☐ Other ☐										8. FARM OR LEASE NAME Brinson-Federal																			
2. NAME OF OPERATOR Southland Royalty Company										9. WELL NO. 2																			
3. ADDRESS OF OPERATOR 1100 Wall Towers West, Midland, TX 79701										10. FIELD AND POOL, OR WILDCAT Undesignated (Queen)																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit G, 1980' FNL & 1980' FEL At top prod. interval reported below Same At total depth Same										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T-16-S, R-32-E																			
14. PERMIT NO. Re-entry										DATE ISSUED 1-18-78																			
12. COUNTY OR PARISH Lea										13. STATE New Mexico																			
15. DATE SPUDDED 1-18-78					16. DATE T.D. REACHED 12-20-59					17. DATE COMPL. (Ready to prod.) 1-26-78					18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4134' DF					19. ELEV. CASINGHEAD									
20. TOTAL DEPTH, MD & TVD 4070					21. PLUG, BACK T.D., MD & TVD 3715					22. IF MULTIPLE COMPL., HOW MANY* -					23. INTERVALS DRILLED BY -					ROTARY TOOLS 0-0470					CABLE TOOLS -				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3160-66, 3170-76, 3180-88 (Queen)															25. WAS DIRECTIONAL SURVEY MADE No														
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/N															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#					320					12 1/4					225 sx					None				
4 1/2					9.5#					4068					6 3/4					200 sx					None				
29. LINER RECORD															30. TUBING RECORD														
SIZE			TOP (MD)			BOTTOM (MD)			SACKS CEMENT*			SCREEN (MD)			SIZE			DEPTH SET (MD)			PACKER SET (MD)								
															2 3/8														
31. PERFORATION RECORD (Interval, size and number) Original perf. 3822-28, 3861-65, 3867-70, 3878-90, 3892-95 (San Andres). Set BP @ 3750', PBTD 3715' 1-18-78. New Perf. 3160-66, 3170-76, 3180-88,															32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.														
															DEPTH INTERVAL (MD)					AMOUNT AND KIND OF MATERIAL USED									
															3160-3188					3000 gal 15% NE acid									
																				70 ball sealers									
33. PRODUCTION Well SI from 1-26-78 to 5-17-78.																													
DATE FIRST PRODUCTION					PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)										WELL STATUS (Producing or shut-in)														
1-26-78					Pumping: 2" X 1 1/4" X 42"										Producing														
DATE OF TEST			HOURS TESTED			CHOKE SIZE			PROD'N. FOR TEST PERIOD			OIL—BBL.			GAS—MCF.			WATER—BBL.			GAS-OIL RATIO								
5-18-78			24			3/4			→			66			92			11			1394								
FLOW. TUBING PRESS.			CASING PRESSURE			CALCULATED 24-HOUR RATE			OIL—BBL.			GAS—MCF.			WATER—BBL.			OIL GRAVITY-API (COPI.)											
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold															TEST WITNESSED BY Donny Davis w/Southland Royalty Company														
35. LIST OF ATTACHMENTS C-102, C-104, 9-331																													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																													
SIGNED <i>C. Hamner</i>										TITLE District Engineer										DATE 5-19-78									

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

(See back page for additional data.)

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			See original Form 9-330 filed 2-8-60.			
			This well originally drilled by Aztec Oil and Gas Company as their Brinson Federal R No. 2. Well completed in Grayburg San Andres. Well went into Aztec Oil and Gas Robinson Unit April, 1963, as Robinson Unit Tr. 2 Sec. 31 #7. Aztec Oil and Gas Co. purchased by Southland Royalty Co. Well bore removed from Robinson Unit 1-18-78 and plugged back to Queen. Name changed to Southland Royalty Company Brinson-Federal "R" No. 2.			

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