

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Southern Union Exploration Company							
3. ADDRESS OF OPERATOR 1217 Main Street, Dallas, Texas 75202							
4. LOCATION OF WELL (Report location clearly and in accordance with any State laws.) At surface 800' FSL & 1840' FEL At top prod. interval reported below At total depth 1465'							
5. LEASE DESIGNATION AND SERIAL NO. NM 33029							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME SX Federal #21							
9. WELL NO. 1							
10. FIELD AND POOL, OR WILDCAT Picture Cliffs							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21, T26N, R13W							
12. COUNTY OR PARISH San Juan				13. STATE New Mexico			
15. DATE SPUDDED 11/15/79		16. DATE T.D. REACHED 11/21/79		17. DATE COMPLETION (Ready to prod.) 08/20/79		18. ELEVATIONS (DF, REB, RT, GR, ETC.) 6200' GL	
20. TOTAL DEPTH, MD & TVD 1465'		21. PLUG BACK T.D., MD & TVD 1433'		22. IF MULTIPLE COMPLETIONS, HOW MANY? ---		23. INTERVALS DRILLED BY XXX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.) None							
25. WAS DIRECTIONAL SURVEY MADE NO							
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric & Density Neutron Borehole Compensated							
27. WAS WELL CORED NO							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		32		108.6		8 5/8"	
2 7/8"		4.7		1433		5"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)							
1405' to 1409', 1433' to 1436' (2 JSPF) (.49)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
1405 to 1436'				700 gals acid			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST WITNESSED BY							
ACCEPTED FOR RECORD							
35. LIST OF ATTACHMENTS Zone gave up only salt water							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED <u>Ronald McIntosh</u>				TITLE <u>Drilling & Production Engineer</u>			
				DATE <u>09/28/80</u>			
				EARTHQUAKE DISTRICT			

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

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; CORDED 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.
Kirkland Fruitland Coal P.C.	420' 952' 1338' 1385'	952' 1338' 1385' TD	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Kirkland Fruitland Coal P.C.	430' 952' 1338' 1385'		416' 874' 1156' 1181'