

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved  
Budget Bureau No. 42-7355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. NM - 22046 ✓	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southern Union Exploration Company ✓						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Texas Federal Bldg., 1217 Main St., Dallas, Texas 75202						8. FARM OR LEASE NAME Lansdale Federal ✓	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 800' FSL & 800' FEL ✓ At top prod. interval reported below 1060' At total depth 1236'						9. WELL NO. 1 ✓	
14. PERMIT NO.						12. COUNTY OR PARISH San Juan	
DATE ISSUED 11/10/77						13. STATE N.M.	
15. DATE SPUDDED 1/18/78		16. DATE T.D. REACHED 1/27/80		17. DATE COMPL. (Ready to prod.) 3/1-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5904' GR	
19. ELEV. CASINGHEAD 5907'		20. TOTAL DEPTH, MD & TVD 1212.85'		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY XX		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top 1059', Bottom 1086' Picture Cliff		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Density Borehole Compensated	
27. WAS WELL CORED YES		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
5 1/2"		14#		31.65'		6 1/4"	
2 7/8"		6.4#		1212.65'		4 3/4"	
CEMENTING RECORD		AMOUNT PULLED		31. PERFORATION RECORD (Interval, size and number) 1060' - 1064' & 1072' - 1084'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8 sks		---		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
100-sks Halliburton Lite		---		1060'-1084'		1400 gals HCl	
50 sks Class "C"		---		1060'-1084'		15,000 gals gelled water w/N <sub>2</sub> & 20,000# of sand.	
33.* PRODUCTION		DATE FIRST PRODUCTION WOPLC		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or Shut-in) Shut in	
DATE OF TEST 1/31/80		HOURS TESTED 4		CHOKE SIZE 24/64"		PROD'N. FOR TEST PERIOD ---	
FLOW. TUBING PRESS. 8		CASING PRESSURE 181		CALCULATED 24-HOUR RATE ---		GAS—MCF. 80	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Western Gas Interstate		35. LIST OF ATTACHMENTS None		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TEST WITNESSED BY Ron Coffee OIL CON. COM. DIST. 3	

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

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# 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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Kirtland	400'	484'			
Picture Cliffs	1059'	1086'			

