

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.

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

3. ADDRESS OF OPERATOR

1800 First International Building Dallas, Texas 75270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 800' FSL, 800FWL

At top prod. interval reported below 1164'

At total depth 1351'

14. PERMIT NO.

NA

DATE ISSUED

Nov. 18, 1977

12. COUNTY OR PARISH

San Juan

13. STATE

N. Mex.

15. DATE SPUDDED

Jan. 27/78

16. DATE T.D. REACHED

Feb. 2/78

17. DATE COMPL. (Ready to prod.)

Jan. 22/80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6001'

19. ELEV. CASINGHEAD

6002'

20. TOTAL DEPTH, MD & TVD

1351'

21. PLUG, BACK T.D., MD & TVD

1314'

22. IF MULTIPLE COMPL., HOW MANY\*

Single

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

1164'-68' 1170'-74'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES & Density Logs

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
2-7/8" EUE J55	6.5#	1344'	5"	100 SX Light	
				45 SX Neat	
5 1/2" SURFACE	14#	31'	6 1/4"	5 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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31. PERFORATION RECORD (Interval, size and number)

1164'-68' 1170'-74' .5"/20

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1164'-68' 1170'-74'	900 gal 7 1/2% HCl
1164'-68' 1170'-74'	16,000 lbs Nitrogen, Foam

33. PRODUCTION

DATE FIRST PRODUCTION WOPLC		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing, Shut in, etc.) Producing	
DATE OF TEST Jan 30/80	HOURS TESTED 3	CHOKE SIZE 16/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. None	GAS—MCF. 138,000 MCF/D	WATER—BBL. None	GAS-OIL RATIO None
FLOW. TUBING PRESS. 81#	CASING PRESSURE 178#	CALCULATED 24-HOUR RATE →	OIL—BBL. None	GAS—MCF. 138,000 MCF/D	WATER—BBL. None	OIL GRAVITY-API (CORR.) None	

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

Western Gas Interstate

TEST WITNESSED BY

Ron Coffee

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from an available record

SIGNED

TITLE

Field Operations Agent

DATE Jan. 31/80

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

FEB 5 '80

DISTRICT

# 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: "Seeds (Concrete):"** 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 FORMER ZONES:

SHOW ALL INDICANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRO 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.	TOP		
						NAME	MEAN DEPTH	TRUE VERT. DEPTH
Kirtland	450	505				Kirtland	+5175	+5177
Pictured Cliffs 1164'		1174'				Fruitland	+5177	+4863
						Coal	+4863	+4837
						Pictured Cliffs+4837		+4827