

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.

5. LEASE DESIGNATION AND SERIAL NO.

Contract #105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla A

9. WELL NO.

22 Y

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 24, T26N-R4W NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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
P.O. Box 2179, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1710' FWL & 1850' FSL
At top prod. interval reported below Same as above
At total depth Same as above

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 8-13-78 16. DATE T.D. REACHED 10-20-78 17. DATE COMPL. (Ready to prod.) 6-14-79 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 7175' G.L. 19. ELEV. CASINGHEAD 7175

20. TOTAL DEPTH, MD & TVD 8276 21. PLUG, BACK T.D., MD & TVD 8265' 22. IF MULTIPLE COMPL., HOW MANY* 3 23. INTERVALS DRILLED BY ROTARY TOOLS 0 to 8276 CABLE TOOLS -0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mesa Verde: 5964 to 6100 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Gamma Ray-Compensated Density-Bond-Collar 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
10 3/4"	32.75#	187	13 3/4"	295 cuft, class 'b' w/3%	CaCl
7 5/8"	26.40#	4050	9 7/8"	1840 cu ft Howco Light & 118 cu ft class 'b'.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SBT (MD)
5 1/2"	3818	8037	358.05 cuft		2 1/16"	6110' RKB	
3 1/2"	7888	8275	86.4 cuft				

31. PERFORATION RECORD (Interval, size and number)
5964, 5968, 5974, 5983, 5988, 5992, 5996, 6013, 6016, 6027, 6030, 6034, 6053, 6058, 6069, 6082, 6087, 6097, 6100.
19 .36" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5964-6100	57000# 20/40 sand, 57000 gal 1% KCL water.

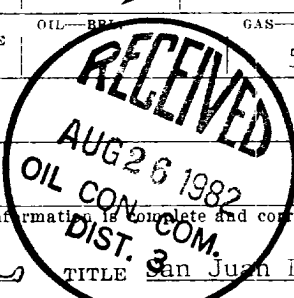
33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
5-9-79	Flowing	Shut In					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-14-79	3 hours	3/4"	→	-----	686	-----	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1241-270	1241-841	→	-----	5484	-----	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be sold TEST WITNESSED BY JOHN C. RECTOR

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Michael L. Davis TITLE San Juan Division Manager DATE 8-6-82



FOR RECORD
BY Ed Beck

*(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 38, 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 POHOOLS ZONES:

SHOW ALL IMPORTANT ZONES OF PRODUCTIVITY AND CONTENTS THEREOF: CORP. INTERVALS; AND ALL SHORT-TERM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CESSION (SRD, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	(GEOLOGIC MARKERS)	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
					NAME			