

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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

Wildhorse Gallup

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 Co.

3. ADDRESS OF OPERATOR

P.O. Box 2179, Farmington, New Mexico 87410

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 SPUDDED 8-13-78 16. DATE T.D. REACHED 10-20-78 17. DATE COMPL. (Ready to prod.) 6-14-79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7175 GL 19. ELEV. CASINGHEAD 7175

20. TOTAL DEPTH, MD & TVD 8276 21. PLUG, BACK T.D., MD & TVD 8265 22. IF MULTIPLE COMPL. HOW MANY* three 23. INTERVALS, ROTARY TOOLS, CABLE TOOLS 8276 -0-

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

Gallup: 7537' to 7548'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Gamma Ray-Compensated Density-Bond-Collar

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 cu ft, Class B w/3% CaCl.	-0-
7 5/8"	26.40#	4050	9 7/8"	1840 cu ft Howco 1t & 118 ft Class "B"	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	3818	8037	358.05 cu ft		2 1/16"	7740'	7740' & 6748'
3 1/2"	7888	8275	86.4 cu ft				

31. PERFORATION RECORD (Interval, size and number)

7537, 7538, 7539, 7540, 7541, 7542, 7543,
7544, 7545, 7546, 7547, 7548.

Perforate 12, size 0.44" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7537 to 7548	Frac with 35000 gals of 20# cross linked gel and 62,500# of 20/40 sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-28-78		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-15-82	3 hours	3/4"	→	-----	31	-----	N/A
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
31# to 2#		→	-----	248		N/A	

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

To be sold.

TEST WITNESSED BY

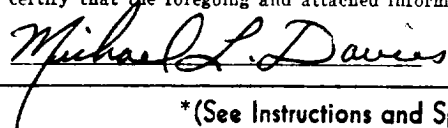
C.R. WAGNER

35. LIST OF ATTACHMENTS

Otis Packer Installation report

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

SIGNED



TITLE San Juan Division Mgr.

ACCEPTED FOR RECORD

DATE 8-6-82

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

NMOCC

FARMINGTON, NEW MEXICO

10 2 10 1982

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 HOLE'S ZONES:			38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DEPTH-STEP TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			NAME	TOP	
FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
			9 7/8" intermediate hole not logged.		
Cliffhouse	5550		Possible gas		
Menefee	5690		Possible gas		
Point Lookout	6030		Gas		
Mancos	6150		---		
Tocito	7535	7548	Gas		
Dakota	8020		Gas		
			Point Lookout	6030	6030
			Base Greenhorn	8000	8000