

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.

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. RESRV. ☐ Other _____					
2. NAME OF OPERATOR Southern Union Exploration					
3. ADDRESS OF OPERATOR P.O. BOX 2179, Farmington, NM 87499					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1120' FSL & 1760' FWL At top prod. interval reported below 1120' FSL & 1760' FWL At total depth 1120' FSL & 1760' FWL					
14. PERMIT BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA					
5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 100		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
7. UNIT AGREEMENT NAME					
8. FARM OR LEASE NAME Jicarilla D					
9. WELL NO. 20					
10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 31-T 26N-R 3W NMPM					
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico			
15. DATE SPURRED 7-12-84	16. DATE T.D. REACHED 7-23-84	17. DATE COMPL. (Ready to prod.) 7-30-84	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7075'	19. ELEV. CASINGHEAD 7076'	
20. TOTAL DEPTH, MD & TVD 6203'	21. PLUG, BACK T.D., MD & TVD 6176'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-6203	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde: Point Lookout 6101-5865 Cliff House 5601-5510					25. WAS DIRECTIONAL SURVEY MADE YES
26. TYPE ELECTRIC AND OTHER LOGS RUN GR Induction CBL-VDL 6157'-5470, 4000'-3000'					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	
8 5/8	32.0	360 353	12 1/4	307 Cuft Class B 2% CACL	
4 1/2	11.6 & 10.5	6203' 6180	7 7/8	280 Cuft 50/50 poz, 2% gel, 8# salt	
				312 Cuft 65/35 poz, 6% gel, 6 1/4# gilsonite	
				59 Cuft Class B	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				2 1/16 IJ	6042
31. PERFORATION RECORD (Interval, size and number) 6101-6098, 6091, 6086, 6083, 6073, 6020, 6016, 6014, 6009, 6004, 5998, 5995, 5989, 5956, 5952, 5867, 5865, 18-.34" holes. Point Lookout. 5601, 5599, 5597, 5595, 5590, 5568, 5554, 5549, 5545, 5529, 5521, 5517, 5515, 5601-5510 5512, 5510, 15-.34" holes. Cliff House.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				6101-5865	1000 gal 15% HCL acid
					68,500 gal water 90,000# 20/40 sd
					1000 gal 15% HCL acid
					55,500 gal water 70,500# 20/40 sd
33. PRODUCTION					
DATE FIRST PRODUCTION 7-30-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI W.O.P.L.C.
DATE OF TEST 8-30-84	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 297
FLOW. TUBING PRESS. 190	CASING PRESSURE 650	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 2377	WATER—BBL. ---
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY Gary Hudgins
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from acceptable records.					
SIGNED <i>J. Blischewitz</i>		TITLE <i>Division Engineer</i>			
		DATE <i>September 4, 1984</i>			

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

FARMINGTON RESOURCE AREA

BY *smm*

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	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliff	3808'		Sand Sand, gas Sand, gas	Kirtland	3523'	
Cliffhouse	5506'			Fruitland	3712'	
Point Lookout	5986'			Pictured Cliff	3808'	
				Lewis	3847'	
				Cliffhouse	5506'	
				Menefee	5650'	
				Point Lookout	5986'	
				Mancos	6148'	