

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 ☐				5. LEASE DESIGNATION AND SERIAL NO. SP 078304	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southern Union Production Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 800 - Farmington, New Mexico				8. FARM OR LEASE NAME Harmon "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850 ft. from North line and 1850 ft. from East line. At top prod. interval reported below Same as above At total depth Same as above.				9. WELL NO. 10	
10. FIELD AND POOL, OR WILDCAT Basin Dakota				11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T-26N, R-3W, N.M.P.M.	
12. COUNTY OR PARISH San Juan				13. STATE New Mexico	
15. DATE SPUNDED 11/11/65		16. DATE T.D. REACHED 12/2/65		17. DATE COMPL. (Ready to prod.) Dec. 10, 1965	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 6302 D.F.		19. ELEV. CASINGHEAD 6892		20. TOTAL DEPTH, MD & TVD 6750 MD & TVD	
21. PLUG BACK T.D., MD & TVD 6713 MD & TVD		22. IF MULTIPLE COMPL. HOW MANY * 1		23. ROTARY TOOLS 0-6750	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 6434 - 6650 ft. MD & TVD Dakota				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric, Formation Density, Gamma Ray, Sonic, Bond Log				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24.00		324 ft.	
1-1/2"		10.50		6750 ft.	
Stage Collar at 6535 ft.		Cemented w/500 cu. ft. 50-50 poundix			
Stage Collar at 2244 ft.		Cemented w/1000 cu. ft. 50-50 poundix			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
1-1/2"		6525 ft.			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
1-1/2"		6525 ft.			
31. PERFORATION RECORD (Interval, size and number)					
Perf. 1 shot/ft. 6434-6446, 6457-6460, 2 shots/ft. 6508-6513, 1 shot/ft. 6513-6530, 6535-6542, 6548-6574, 6604-6618, 6628-6632, 6642-6650. Total 90 holes, 0.48" Hole size					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
6434-6446		Sand Water & CO ₂ frac w/10,000# sand; 60,710 gal. water, 30 Tons CO ₂ .			
6535-6550		Sand Water & CO ₂ frac with 30,000# sand; 35,730 gal. water 10 Tons CO ₂ .			
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
12-22-65		3 hrs.			Producing
CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
3/4		→		338	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
232 psia		863 psia		→	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
2,704		2,704			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Benny E. Bechtol Original Signed BENNY E. BECHTOL TITLE Petroleum Engineer DATE 12-22-65					

*(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 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:				38. GEOLOGIC MARKERS	
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					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
				Wasatch	Surface
				Kirtland	1415
				Fruitland	1885
				Pictured Cliff	2080
				Lewis	2170
				Mesa Verde	3640
				Mancos	4468
				Dakota	6432
				Morrison	6750