

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		2. NAME OF OPERATOR Northern Union Production Company		3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87401		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2289 ft. from the North line & 790 ft. from the West Line. At top prod. interval reported below Same as above. At total depth Same as above.		5. LEASE DESIGNATION AND SERIAL NO. Contract 10		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Mescalito Apache		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Mescalito		9. WELL NO. 3		10. FIELD AND POOL, OR WILDCAT Hero Gallup Main, Dakota Sec. 3, T-24N, R-5E N. 24. P. M.		11. COUNTY OR PARISH La Arriba		12. STATE New Mexico	
15. DATE SPUNDED 5/16/69		16. DATE T.D. REACHED 6/2/69		17. DATE COMPL. (Ready to prod.) July 22, 1969		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6648 ft. J.S.		19. ELEV. CASINGHEAD 6638		20. TOTAL DEPTH, MD & TVD 7085 ft.		21. PLUG, BACK T.D., MD & TVD 7085 ft.		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0-7085		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5900-6130 MD & TVD Gallup 6926-6984 MD & TVD Dakota		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN H. I. Induction, Density, Gamma-Ray, Cement Bond Log		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															
8-5/8"		24.0		301		12-1/4"		250 sz.		None															
5-1/2"		15.5		7085		7-7/8"		1st stage cemented 2/600 cu. ft. cement; Stage collar set at 1998 ft. cemented 1/375 cu. ft. cement; Stage collar set at 3632 ft. cemented 1/1200 cu. ft. cement.																	
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		TUBING RECORD															
										SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										2-1/16"		6144 ft.		(Gallup)											
										2-1/16"		6875 ft.		6733 ft. (Dakota)											
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																							
5900-6130 ft.		sand frac 50,000 sand, 1,000 glass beads & 66,900 gal. 1E K.L. wt.																							
6926-6984		sand frac 70,000 sand, 1,000 glass beads & 80,450 gal. B9 K.L. water.																							
31. PERFORATION RECORD (Interchangeable gun numbers) Gallup: 1 shot/ft. 5900-5910, 5938-5948, 1/2 ft. 5950-5960; 1/2 ft. 5994-6002, 602-6030, 6051-6060, 6086-6094, 6112-6118, 6124-6130, Total 66 holes. Dakota: 1 shot/ft. 6926-6930, 6939-6943, 6952-6984. Total 43 holes; 0.42" size.																									
32. PRODUCTION																									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)																					
8/15/69		3 3/4"		3 3/4"																					
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—BBL.		WATER—BBL.		GAS-OIL RATIO													
275		280		280		3275 MCF		540 MCF		Dakota		Dakota													
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																									
SIGNED		TITLE		DATE																					
GILBERT D. NOLAN, JR.		Drilling Superintendent		August 25, 1969																					

* (See Instructions and Spaces for Additional Data on Reverse Side)
U.S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 Cliffs Cliff House Point Lookout Callup Base Greenhorn Nebraska	2572 4140 4740 5860 6790 6810	