

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. RESVR. ☐	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Noarko Resources, Inc.						Lu Lu	
3. ADDRESS OF OPERATOR						9. WELL NO.	
1206 East 20th Street, Farmington, N. M. 87401						4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						10. FIELD AND POOL, OR WILDCAT	
At surface 900' FSL 990' FEL						Lybrook Gallup	
At top prod. interval reported below 900' FSL 990' FEL						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth 900' FSL 990' FEL						Sec. 29, T.23N, R.6W	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH	
FARMINGTON				FARMINGTON		Sandoval	
15. DATE SPUNDED				16. DATE T.D. REACHED		13. STATE	
11-18-83				11-25-83		N.M.	
17. DATE COMPL. (Ready to prod.)				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
12-10-83				7315 KB		7303	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
5900		5858 PBDT				ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						CABLE TOOLS	
5237' - 5795' Gallup						0' - TD	
25. WAS DIRECTIONAL SURVEY MADE						27. WAS WELL CORED	
Yes						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						28. CASING RECORD (Report all strings set in well)	
Compensated Density, Comp Nuutron, Gamma, Dual Induction							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#/ft		257'		12-1/4"	
5-1/2"		15.5#/ft		5900'		7-7/8"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SIZE		TOP (MD)		BOTTOM (MD)		DEPTH INTERVAL (MD)	
						AMOUNT AND KIND OF MATERIAL USED	
2-3/8"		5213'				500 gals 10% acetic acid, 76,000ga	
						70 qual.foam, 108,000# 10/20 sand	
						500 gals 10% acetic acid, 88,000ga	
						70 qual.foam, 128,000# 10/20 sand	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		35. LIST OF ATTACHMENTS	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
12-10-83		Gas lift		Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
12-18-83		24		24/64		OIL—BBL.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF.	
500		750		37		41	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
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		37. SIGNATURE		38. TITLE	
Logs mailed direct by logging company		ACCEPTED FOR RECORD		Ronnie W. Allen		Geologist	
37. SIGNATURE		38. TITLE		39. DATE		40. BY	
Ronnie W. Allen		Geologist		DEC 22 1983		SM	

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

MOC DIST. 3

BY SM

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
Ojo Alamo	1630	1890	<u>Cement Record</u> 300 sacks (408 cu.ft.) Class B 1/4# floccule, 6-1/4# gilsonite, 8# salt and 2% CaCl ₂ per sack. 200 sacks (544 cu.ft.) Class B 65/35 P0Z with 12% gel and 10# gilsonite. 400 sacks (888 cu.ft.) Class B 65/35 P0Z with 6% gel and 10# gilsonite. Tailed in with 50 sacks (59 cu.ft.) Class B Neat			
Pictured Cliffs	2204	2430				
Mesa Verde	3074	4671				
Mancos Shale	4671	5231				
Gallup Sand	5530	5830				
		1st stage				
		2nd stage				