

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.

NM 28741

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lu Lu

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup *Ext*11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 29, T.23N, R.6W

12. COUNTY OR
PARISH

Sandoval

13. STATE

N.M.

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

Noarko Resources

3. ADDRESS OF OPERATOR

1206 East 20th Street, Farmington, N. M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2310' FSL 1650' FEL

At top prod. interval reported below 2310' FSL 1650' FEL

At total depth 2310' FSL 1650' FEL

14. PERMIT NO. DEC 30 1983 DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Report in accordance with any State requirements)* 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

11-27-83

12-5-83

12-20-83

7187 KB

7175' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

5830 DTD

5788 KB

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

5143 - Top

Gallup

5654 - Bottom

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, Gamma, Comp. Density/Nuetron SP, Caliper

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#/ft	265' KB	12-1/4"	180 SX CL. B 212 ft ³	
5-1/2"	15.5#/ft	5838' KB	7-7/8"	See back	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5088 KB	

31. PERFORATION RECORD (Interval, size and number)

5143-5457 10 holes - 0.38"
5557-5654 16 holes - 0.38"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5143-5457	500 gals 10% acetic acid 88,000 gal
	70 qual foam, 128,000# 10/20 sand
5557-5664	500 gals 10% acetic acid 76,000 gal
	70 qual foam 108,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-20-83		Gas lift					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-27-83	24	28/64	→	43	55	1	1290 cu.ft/1 B0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
300#	750#	→	43	55	1	42 Est.		

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs mailed direct by logging Company

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

SIGNED *Ronnie W. Allen*
Ronnie W. AllenTITLE *Geologist, DIV.*DATE 12-29-83
DEC 30 1983

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

NMC

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
Ojo Alamo Pictured Cliffs Mesa Verde Mancos Shale Gallup Sand	1519 2090 2880 4550 5434	1770 2310 4550 5434 5792				
1st Stage -	(408 ft ³) 300 sacks Class B cement with 1/4# flocele per sack, 6-1/4# gilsonite per sack, 8# salt per sack, 2% CaCl ₂ .					
2nd Stage -	(544 ft ³) 200 sacks 65/35 P0Z with 12% gel, 10# gilsonite per sack (666 ft ³) 300 sacks 65/35 P0Z with 6% gel, 10# gilsonite per sack tailed in with 50 sacks Class B neat.					