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STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

File one copy for Patented, Federal and Indian lands.  
File in duplicate for State lands.

RECEIVED

DEC 19 1984

5. LEASE **COLORADO OIL & GAS CONSERVATION COMMISSION**

N/A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Montgomery

9. WELL NO.

1-21

10. FIELD AND POOL, OR WILDCAT

Boulder Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21-T1N-R69W

## 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, Inc.

3. ADDRESS OF OPERATOR

950 South Cherry, Suite 1000; Denver, CO 80222

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

At surface 700' FSL and 700' FEL, Sec. 21-T1N-R69W

At top prod. interval reported below Same

At total depth Same

NAME OF DRILLING CONTRACTOR

Exeter Drilling Northern

14. PERMIT NO.

DATE ISSUED

84/222

9-4-84

12. COUNTY

Boulder

13. STATE

Colorado

15. DATE SPUDDED

9-19-84

16. DATE T.D. REACHED

9-29-84

17. DATE COMPL. (Ready to prod.)

11-18-84

(Plug &amp; Abd.)

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)

5127' GL, 5138' KB

19. ELEV. CASINGHEAD

5127' GL

20. TOTAL DEPTH, MD &amp; TVD

8446' KB

21. PLUG, BACK T.D., MD &amp; TVD

8399' KB

22. IF MULTIPLE COMPL., HOW MANY

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

Codell: 7906-7920' KB

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SFL, FDC-CNL, OMRL, GR-CBL

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

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	726' KB	12-1/4"	450 sx. Class 'G'	None
4-1/2"	11.6	8445' KB	7-7/8"	375 sx. Class 'G'	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7837' KB	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

7906-7920'KB: 2 JSPF, 0.38"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7906-7920' KB	700 gals. 7-1/2% HCl
	175,000 lbs. 20-40 sand,
	10,000 lbs. 100 mesh, in
	2145 bbls. gelled 3% KCl wtr.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-19-84		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-20-84	24	14/64"	→	27.0	180	0	6666:1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
650 psi	1200 psi	→	27	180	0	42° API		

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

Sold

TEST WITNESSED BY

Jim Berger

35. LIST OF ATTACHMENTS

None

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

SIGNED

*Wayne Townsend*

TITLE

Vice President

DATE

December 18, 1984

See Spaces for Additional Data on Reverse Side

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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Niobrara	7460	7905	Oil and Gas
Codell	7906	7924	Oil and Gas

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	7460	7460
Codell	7906	7906

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