



00062105

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 COLO. OIL & GAS CONSO. COMM.

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

5. LEASE 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

14. PERMIT NO. 841222 DATE ISSUED 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 & Abd.) 18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 5127' GL, 5138' KB 19. ELEV. CASINGHEAD 5127' GL

20. TOTAL DEPTH, MD & TVD 8446' KB 21. PLUG, BACK T.D., MD & TVD 8399' KB 22. IF MULTIPLE COMPL., HOW MANY Single 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS All 25. 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 30. TUBING RECORD

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

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



Handwritten mark

Handwritten mark

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

RECEIVED