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STATE OF COLORADO  
CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES  
AUG 14 1987

RECEIVED  
GOLD OIL & GAS CONS. COMM.



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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MADDERN

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Roman Nose North

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

Section 22, T3S-R58W

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P&A

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
National Cooperative Refinery Association

3. ADDRESS OF OPERATOR  
1775 Sherman Street, Suite 300 Denver CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 660' FSL, 660' FEL  
At top prod. interval reported below  
At total depth same  
NAME OF DRILLING CONTRACTOR  
Caza #2

14. PERMIT NO. 87-423 DATE ISSUED 10-28-87

12. COUNTY Adams 13. STATE CO

15. DATE SPUDDED 7/11/87 16. DATE T.D. REACHED 7/18/87 17. DATE COMPL. (Ready to prod.) 7/19/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4929' Gd 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5380' 5830 21. PLUG. BACK T.D., MD & TVD surf-P&A 22. IF MULTIPLE COMPL., HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
N/A P&A 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Phasor Induction, Compensated Density/Neutron 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
8.625"	23# J-55	320'	12 1/2"	230 sx CL A w/add.	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
N/A - P&A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<u>N/A-P&amp;A</u>							
DATE OF TEST	HOURS TESTED	CHORE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	

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  
SIGNED A.M. O'Hare TITLE Jt. Operations Supervisor DATE 8/3/87



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FOR OFFICE USE ONLY  
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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.

**38. GEOLOGIC MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			DST#1 Misrun.
			DST#2 5676-5700', top guage @ 5682' IHP 2910, FHP 2915, IFP 39-197, ISI 287, both charts show plugging, very weak blow. BHT 158 F.
			DST#3 5720-5730', J-2 Sand, top guage @ 5683', IHP 2909, IFP 46-75 ISIP 1241, FHP 2901#, DP recov 45' WCDM.
			Set Plugs: 20 sx 260-319', base of surface casing; 15 sx, 45' to surf.

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	4852'	
Greenhorn	5310'	
"X" Bentonite	5530'	
"D" Sand	5625'	
"J" Sand	5675'	
R.T.D.	5830'	
L.T.D.	5811'	

RECEIVED  
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