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GAS CONSERVATION COMMISSION  
STATE OF COLORADO

State for Patented and Federal lands.  
This in quadruplicate for State lands.

5. LEASE DESIGNATION AND SERIAL NO.  
1984

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
OIL & GAS CONS. COMM.

8. FARM OR LEASE NAME  
Maddern

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
N. Roman Nose

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 22, T3S, R58W

12. COUNTY  
Adams

13. STATE  
Colo.

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  
National Cooperative Refinery Association

3. ADDRESS OF OPERATOR  
300 Country Club Rd., Suite 201, Casper, Wyo. 82609

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1980' FEL, 660' FSL, SW/SE Sec. 22  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 84674  
DATE ISSUED 6-4-84

15. DATE SPUDDED 6-11-84  
16. DATE T.D. REACHED 6-15-84  
17. DATE COMPL. (Ready to prod. or Plug & Abd.) 6-18-84  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4947' KB  
19. ELEV. CASINGHEAD 4937'

20. TOTAL DEPTH, MD & TVD 5786'  
21. PLUG, BACK T.D., MD & TVD -  
22. IF MULTIPLE COMPL., HOW MANY -  
23. INTERVALS DRILLED BY → ROTARY TOOLS 0-5786' CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
none

25. WAS DIRECTIONAL SURVEY MADE  
no

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction Laterolog: Comp. Density Log

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	304'	12 1/4"	250 sacks	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE 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  
(Logs to be furnished by Gearhart)

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

SIGNED V.O. Sparks TITLE District Superintendent DATE 6-25-84

## 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.
DST #1 "J <sub>2</sub> " Sand	5693'	5712'	<p>IHP 2989 psi  IFP, 15 min. 53-53 psi  ISIP, 30 min. 1175 psi  FFP, 60 min. 53-80 psi  FSIP, 120 min. 1347 psi  FHP not obtained</p> <p>No recovery in pipe. Test tool was lost in hole and subsequently fished, but all fluid in the pipe was lost. The sample chamber contained 500 cc's oil and 1700 cc's muddy water.</p>

38.

## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	4839'	
Greenhorn	5351'	
X-bentonite	5548'	
"D" Sand	5643'	
"J <sub>1</sub> " Sand	5692'	
"J <sub>2</sub> " Sand	5728'	
"J <sub>3</sub> " Sand	5751'	

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