

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other BLM

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.  Other 95 MAY 15 PM 2:34

2. NAME OF OPERATOR  
Mountain States Petroleum Corp.

3. ADDRESS AND TELEPHONE NO.  
P O Box 3531, Midland, TX 79702 915/685-0878

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 71' FSL & 2000' FWL Unit N  
At top prod. interval reported below  
Same  
At total depth  
Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED 8-31-94 16. DATE T.D. REACHED 9-6-94 17. DATE COMPL. (Ready to prod.) 5-3-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5536' GL 19. ELEV. CASINGHEAD 5546' KB

20. TOTAL DEPTH, MD & TVD 5358' 21. PLUG BACK T.D., MD & TVD 5346' 22. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS X CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM NAME (MD AND TVD)\*  
5127-5223' Cha Cha Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Gamma Ray Neutron

**29. CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" J55	24#	245'	12-1/4"	Surface 145 sx.	
5-1/2" J55	15.5#	5358'	7-7/8"	Surface 605 sx.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5100'	

31. PERFORATION RECORD (Interval, size and number)  
Gallup 5127-5223' w/3 SPF 0.50" diameter holes, total 156 holes, 120 degree phase

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) 5127-5223 AMOUNT AND KIND OF MATERIAL USED  
F 1890 bbls. slick water, 97,300# 20/40 Ottawa sand

**33. PRODUCTION**

DATE FIRST PRODUCTION 5-3-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 5-7-95 HOURS TESTED 24 CHOKED SIZE \_\_\_\_\_ PROD'N. FOR TEST PERIOD \_\_\_\_\_ OIL—BBL. 72 GAS—MCF. TSTM WATER—BBL. 48 GAS-OIL RATIO \_\_\_\_\_

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL—BBL. 72 GAS—MCF. TSTM WATER—BBL. 48 OIL GRAVITY-API (CORR.) 42

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel TEST WITNESSED BY Sam Billington

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 [Signature] TITLE Agent DATE 5-11-95

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**  
MAY 18 1995  
OIL CON. DIV.  
BTL 3

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-2172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Nation

7. UNIT AGREEMENT NAME  
NW Cha Cha Unit

8. FARM OR LEASE NAME, WELL NO.  
NW Cha Cha Unit #40

9. API WELL NO.  
30-045-29165

10. FIELD AND POOL, OR WILDCAT  
Cha Cha Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 23, T29N, R14W NMPM

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

**ACCEPTED FOR RECORD**  
MAY 11 1995

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Picture Cliffs	1081'					
Lewis Shale	1225'					
Chacra	1990'					
Cliffhouse SS	2620'					
Menefee	2699'					
Point Lookout	3592'					
Gallup	4784'					
Gallup A	5152'					
Gallup B	5208'					

38.

GEOLOGIC MARKERS