

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

94 AUG 18 AM 10:00

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

070 FARMINGTON, NM

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-2168A
2. Name of Operator <del>Sirgo Brothers Energy Corp. Agent for</del> Mountain States Petroleum Corp.	6. If Indian, Allottee or Tribe Name Navajo Nation
3. Address and Telephone No. P O Box 3531, Midland, TX 79702 915/685-0878	7. If Unit or CA, Agreement Designation NW Cha Cha Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1567' FNL & 1849' FEL Unit G Sec. 27, T29N, R14W, NMPM	8. Well Name and No. NW Cha Cha Unit #47
	9. API Well No. 30-045-29124
	10. Field and Pool, or Exploratory Area Cha Cha (Gallup)
	11. County or Parish, State San Juan, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Spud & Run Casing	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 1) MI&RU United Drilling. Spud at 10:15 a.m. 7-1-94.
- 2) Set 6 jts. (213') 8-5/8" OD J-55 24# casing at 225'. Cemented w/100 sx B Neat, yield 1.18 cu.ft. + 90 sx B Neat + 2% CaCl, 1/4#/sx Celloseal yield 1.18 cu.ft., total sacks 190, total yield 224 cu.ft. Circulated 8 sx cement to surface.
- 3) WOC 18 hrs. Tested casing to 1000# for 15 min., held okay.
- 4) Drilled to 5494' TD 7-9-94.
- 5) Set 136 jts. (5519') 5-1/2" OD J-55 15.50# casing at 5494'. Set DV tool at 3000'. Cemented 1st stage w/175 sx 65/35/12 + 5#/sx Hi-seal + 1/4#/sx Celloseal + 2% CaCl, yield 2.39 cu.ft. Tail in w/100 sx B Neat + 1/4#/sx Celloseal, yield 1.18 cu.ft. Circulate 4 hrs. Cement 2nd stage w/255 sx 65/35/12 w/5#/sx Hi-seal + 1/4#/sx Celloseal + 2% CaCl2, yield 1.18 cu.ft. Tail in w/50 sx B Neat, yield 2.39 cu.ft., total sacks 580, total yield 1204 cu.ft. Circulate 20 bbls. cement. WOC.
- 6) Waiting on completion unit.

14. I hereby certify that the foregoing is true and correct

Signed E. A. Sirgo III Title Agent Date 8-9-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

94 OCT -3 PM 2:21

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29124		Pool Code 11880	Pool Name Cha Cha Gallup
Property Code 8095	Property Name NW Cha Cha Unit		Well Number 47
GRID No. 15346	Operator Name Mountain States Petroleum Corp.		Elevation 5713

10 Surface Location

UL or lot no. G	Section 27	Township 29N	Range 14W	Lot Idn	Feet from the 1567	North/South line North	Feet from the 1849	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 80		Joint or Infill N		Consolidation Code U		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	N 87-28-57 W	1567'	5278.26'	N 00-21-02 E	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature M. A. Sirgo, III Printed Name Agent Title Sept. 9, 1994 Date
RECEIVED OCT - 6 1994 OIL CON. DIV. DIST. 3		1849'			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Jan. 20 1994 Date of Survey Signature and Seal of Professional Surveyor 8894 Certificate Number
	SEC. 27			5355.92'	

ACCEPTED FOR RECORD  
OCT 03 1994  
FARMINGTON DISTRICT OFFICE  
BY

WELL NAME AND NUMBER NW Cha Cha 47  
LOCATION 1567' FNL & 1849' FEL Unit G, Sec. 27, T29N, R14W, NMPM  
San Juan County, NM  
OPERATOR Sirgo Brothers Energy Corporation Agent for Mountain States  
Petroleum Corp.  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 595'</u>	<u>1/4° 4498'</u>	<u>                    </u>
<u>1/4° 1026'</u>	<u>3/4° 4996'</u>	<u>                    </u>
<u>1/2° 1522'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 2017'</u>	<u>                    </u>	<u>                    </u>
<u>3/4 2512'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 3040'</u>	<u>                    </u>	<u>                    </u>
<u>1° 3598'</u>	<u>                    </u>	<u>                    </u>
<u>1-1/4° 4065'</u>	<u>                    </u>	<u>                    </u>

**RECEIVED**  
NOV 10 1994  
OIL CON. DIV.  
DIST. 3

Drilling Contractor United Drilling, Inc.

By: L. M. Gibbs

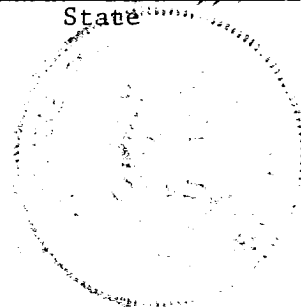
Title: Business Manager

Subscribed and sworn to before me this 11<sup>th</sup> day of July,  
1994.

Karma Tachinsky  
Notary Public

My Commission Expires: 9-25-95

Chavez N.M.  
County State



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

*Singo Operating, Inc. c/o*  
Mountain States Petroleum Corp.

3. Address and Telephone No.

P O Box 3531, Midland, TX 79702 915/685-0878

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1567' FNL & 1849' FEL Sec. 27, T29N, R14W

5. Lease Designation and Serial No.

14-20-603-2168A

6. If Indian, Allottee or Tribe Name

Navajo Nation

7. If Unit or CA, Agreement Designation

NW Cha Cha Unit

8. Well Name and No.

NW Cha Cha Unit #47

9. API Well No.

30-045-29124

10. Field and Pool, or Exploratory Area

Cha Cha Gallup

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Add perfs & frac

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 1) Approximate time frame March 1, 1995
- 2) Rig up, trip tubing and rods
- 3) Perforate to add 2 SPF to existing perfs. at 5129-5348'
- 4) Frac perfs. 5129-5348' w/60,000# sd + water
- 5) Return to production

**RECEIVED**  
FEB 21 1995  
**OIL CON. DIV.**  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Title Agent

Date

Feb. 8, 1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

**APPROVED**

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, fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Sierra Operating, Inc. c/o

Mountain States Petroleum Corp.

3. Address and Telephone No.

P. O. Box 3531, Midland, TX 79702 915/685-0878

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1567' FNL & 1849' FEL Sec. 27, T29N, R14W

5. Lease Designation and Serial No.

14-20-603-2168A

6. If Indian, Allottee or Tribe Name

Navajo Nation

7. If Unit or CA, Agreement Designation

NW Cha Cha Unit

8. Well Name and No.

NW Cha Cha Unit #47

9. API Well No.

30-045-29124

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Cha Cha Gallup

11. County or Parish, State

San Juan, NM

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☒ Other Add perfs. & frac

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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1. MI&RU completion unit 4-6-95.

2. Reperforate Gallup 5016-5313' w/2 SPF, total 18 holes, 0.38" diameter, 180 degree phasing.

3. Western fraced Gallup perfs. 5016-5313' w/1159 bbls. slick water, 61,440# 20/40 Ottawa sand. Flushed w/114 bbls. slick water. Max. press. 3000#, avg. press 2450#, avg. rate 43 BPM, ISIP 1050#.

4. Flowed well back, rec. 30 bbls. load water, well died.

5. Ran tubing and rods, set tubing at 5178', hung well on.

6. After frac rate, well pumping 44 BO + 120 BLW.

14. I hereby certify that the foregoing is true and correct

Signed

*W. A. S. 1990*

Title Agent

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

MAY 17 1995

ACCEPTED FOR RECORD

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.

FARMINGTON DISTRICT OFFICE  
BY *W*

\*See Instruction on Reverse Side  
NMOCD

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		54 OCT 25 PM 1:06		Navajo Nation	
2. TYPE OF COMPLETION:				7. UNIT AGREEMENT NAME			
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RENVR. <input type="checkbox"/> Other <input type="checkbox"/>				NW Cha Cha Unit			
3. NAME OF OPERATOR				8. FARM OR LEASE NAME, WELL NO.			
Sirgo Brothers Energy Corp Agent for				NW Cha Cha Unit #47			
Mountain States Petroleum Corp.				9. API WELL NO.			
4. ADDRESS AND TELEPHONE NO.				30-045-29124			
P O Box 3531, Midland TX 79702 915/685-0878				10. FIELD AND POOL, OR WILDCAT			
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):				Cha Cha Gallup			
At surface 1567' FNL & 1849' FEL Unit G				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA			
At top prod. interval reported below Same				Sec. 27, T29N, R14W			
At total depth Same				NMPM			
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH		13. STATE	
				San Juan		NM	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		
7-1-94	7-9-94	9-5-94	5713' GR				
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. MULTIPLE COMPLEMENTS	23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS
5494'	5456'				X		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD):						25. WAS DIRECTIONAL SURVEY MADE	
Cha Cha Gallup 5129-5348'						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORRED	
Mud Log, Cased Hole GR Neutron							
OIL CON. DIV. DIST. 3							
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#	225'	12-1/4"	Surface	190 sx		
5-1/2" J55	15.5#	5494'	7-7/8"	Surface	580 sx		
30. TUBING RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5434'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Gallup 5129-5348' 37 holes 0.5"				DEPTH INTERVAL (MD)			
				5129-5348'			
				AMOUNT AND KIND OF MATERIAL USED			
				F 76,333 gals N2 foam +			
				181,000# sd			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
8-7-94		Pumping			Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9-5-94	24			101	166	97	1656
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
			101	166	97	40	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Used for fuel						M.A. Sirgo III	
35. LIST OF ATTACHMENTS							
GR Neutron Log, Deviation Survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED		TITLE		DATE			
M.A. Sirgo		Agent		10-21-94			

**\* (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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Picture Cliffs	1193'					
Lewis Shale	1338'					
Chacra	2136'					
Cliffhouse SS	2775'					
Menefee	2825'					
Point Lookout	3715'					
Gallup	4912'					
Gallup A	5283'					
Gallup B	5335'					