

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. SF 080715A
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <i>Strat test</i> Core hole <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6 If Indian, Allottee or Tribe Name 30409
2. Name of Operator Rio Chama Petroleum, Inc.		7. If Unit or CA Agreement, Name and No. 30-039-27063
3a. Address POBox 3027 Pagosa Springs, CO 81147		8. Lease Name and Well No. Rocky Mountain Core
3b. Phone No. (include area code) 970-264-0170		9. API Well No. 1
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 930 FSL + 1880 FWL At proposed prod. zone		10. Field and Pool, or Exploratory Basin Fruitland Coal
11. Sec., T., R., M., or Blk. and Survey or Area N 24, T24N R02W		12. County or Parish Rio Arriba
13. State NM		
14. Distance in miles and direction from nearest town or post office*		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in lease 1280	17. Spacing Unit dedicated to this well 220 0
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 3275	20. BLM/BIA Bond No. on file
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7348 GL	22. Approximate date work will start* Late Summer 2002	23. Estimated duration 5 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Jeffrey W Hudson</i>	Name (Printed/Typed) Jeffrey W. Hudson	Date
Title Senior Engineer		
Approved by (Signature) <i>John E. Bristol</i>	Name (Printed/Typed)	Date 8-9-02
Title <i>Acting AFM Multi-Resources</i>	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

*(Instructions on reverse)

District I
100 Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-29063		² Pool Code	³ Pool Name
⁴ Property Code 30409	⁵ Property Name Rocky Mountain Core		⁶ Well Number 1
⁷ OGRID No. 160560	⁸ Operator Name Rio Chama Petroleum Inc.		⁹ Elevation 7348

¹⁰ Surface Location

UI. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	24	24N	2W		930	South	1880	West	Rio Arriba

¹¹ Bottom Hole Location If Different From Surface

UI. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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				<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <u>Jeffrey W. Hudson</u> Printed Name <u>JEFFREY W. HUDSON</u> Title <u>SENIOR ENGINEER</u> Date <u>7/25/02</u></p>
				<p>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.</p> <p>Date of Survey <u>July 24, 2002</u></p> <p>Signature <u>Cecil B. Tullis</u> Professional Surveyor Certificate Number <u>9672</u></p>

New Mexico Oil Conservation Division
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

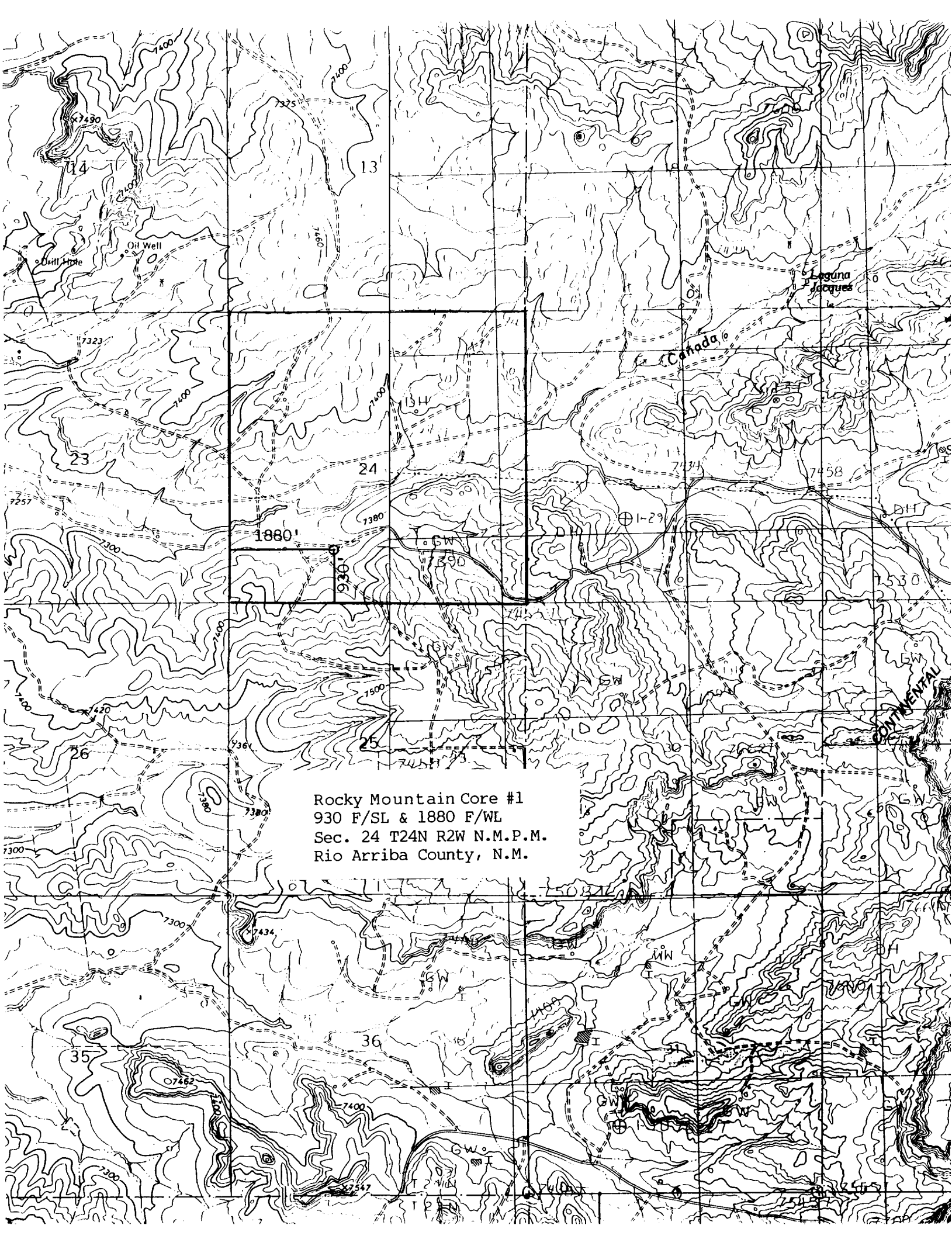
17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filled for a change of pool or dedicated acreage.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

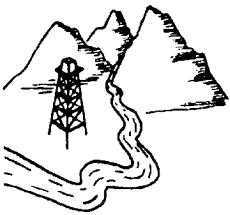
C	Communitization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

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!

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling
16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is



Rocky Mountain Core #1
930 F/SL & 1880 F/WL
Sec. 24 T24N R2W N.M.P.M.
Rio Arriba County, N.M.



Rio Chama Petroleum, Inc.

Well: Rocky Mountain Coal Well #1

Drilling Plan

Propose to use existing pad on which the Rocky Mountain #1 was drilled and drill 9 7/8" hole to approximately 300' and set 8 5/8" OD, 24# surface casing and cement to surface; then propose to drill a 7 7/8" hole to a total depth of 3150' with the intention of coring the Fruitland Coal formation. Will use mud as drilling medium. Hole will be completely filled with cement upon completion of coring operations and P&A marker installed.

BOP will be used during all drilling operations.

* San Jose - Surden
Nacimundo Estimated Tops 21500' -

Formation	Top, ft
Ojo Alamo	2890
Kirtland	3053
Fruitland	3150

Phone: 970-264-0170

P.O. Box 3027
Pagosa Springs, CO 81147

Fax: 970-264-0171