

RECEIVED

Form 3160-3  
(August 1999)

2003 AUG -6 PM 12: 01

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
APPLICATION FOR PERMIT TO DRILL OR REENTER

070 Farmington, NM

1a. TYPE OF WORK



DRILL



REENTER

b. TYPE OF WELL



OIL



GAS WELL



OTHER



SINGLE ZONE



MULTIPLE ZONE

2. Name of Operator

Coleman Oil &amp; Gas, Inc.

3a. Address

P.O. Drawer 3337, Farmington N.M. 87499

3b. Phone No. (include area code)

(505) 327-0356

4. Location of well (Report location clearly and in accordance with any State requirements.)\*

At surface

1000' FSL, 660' FWL Latitude 36° 20' 16", Longitude 107° 56' 33"

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

South East of Farmington New Mexico on County RD. 7515 approximately 40 miles.

15. Distance from proposed\*

location to nearest  
property or lease line, ft.

660'

(Also to nearest drlg unit line, if any)

18. Distance from proposed location\*

to nearest well, drilling, completed,  
applied for, on this lease, ft.

NA

16. No. of Acres in lease

160

17. Spacing Unit dedicated to this well

315.01 ACRES S/2

19. Proposed Depth

1535'

20. BLM/BIA Bond No. on file

BIA Blanket Bond #08510607

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6696'

22. Approximate date work will start\*

October-03

23. Estimated Duration

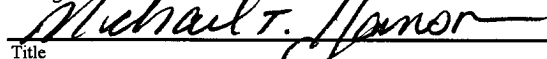
2 Weeks

## 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.
2. A Drilling Plan.
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).
4. Bond to cover the operations unless covered by existing bond on file (see item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature



Name (Printed/Typed)

Michael T. Hanson

DATE

4-Aug-03

Title

Operations Engineer

Approved By (Signature)

David J. Mankiewicz

Name (Printed/Typed)

Office

DATE

JAN 14 2004

Application approval does not warrant or certify that 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.

\*See Instructions On Reverse Side

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

NMOCD

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-31826		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 33340	*Property Name JUNIPER COM C		*Well Number 19
*GRID No. 4838	*Operator Name COLEMAN OIL & GAS, INC.		*Elevation 6696'

<sup>10</sup> Surface Location

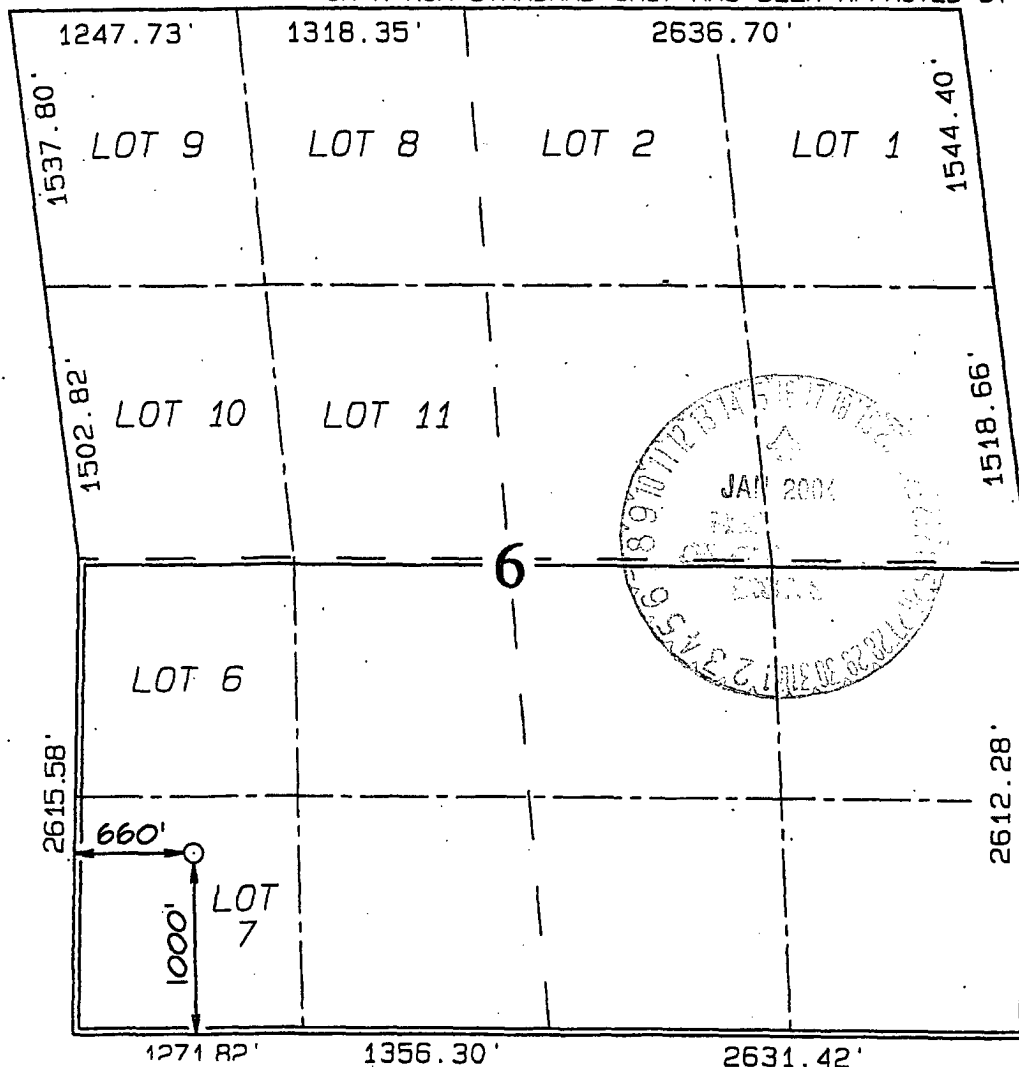
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	24N	10W		1000	SOUTH	660	WEST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 315.01 Acres - (S/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature: *Michael T. Hanson*  
Printed Name: *Michael T. Hanson*  
Title: *Engineer*  
Date: *8/4/03*

<sup>18</sup> 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.

Date of Survey: JULY 2, 2002

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB No. 1004-0135

Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other Instructions on the reverse side**

## 1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

## 2. Name of Operator

Coleman Oil &amp; Gas, Inc.

## 3a. Address

P.O. Drawer 3337, Farmington, NM 87499

## 3b. Phone No. (include area code)

505-327-0356

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

1000' FSL and 660' FWL SEC 6, T24N, R10W, NMPM

## 5. Lease Serial No.

NO-G-9910-1361

## 6. If Indian, Allottee, or Tribe Name

## 7. If Unit or CA. Agreement Designation

## 8. Well Name and No.

Juniper Corn #14

## 9. API Well No.

## 10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

## 11. County or Parish, State

San Juan

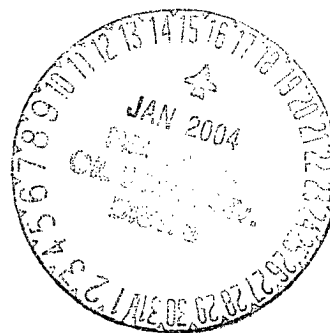
NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Changes made to page one of Surface Use Plan submitted with APD. Pipeline footage for both on-lease and off-lease we corrected due to changes do to re-location of pipeline because of Archeological sites.



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

Name (Printed/ Typed)

Michael T. Hanson

Title

Engineer

Signature

Michael T. Hanson

Date

8-25-03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

David J. Mankiewicz

Title

Date

JAN 14 2004

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 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)

NMOCD

Friday, August 01, 2003

## OPERATIONS PLAN

**Well Name:** Juniper Com 6 #14  
**Location:** 1000' FSL, 660' FWL Section 6, T-24-N, R-10-W, NMPM  
San Juan County, NM  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6696' GL

Formation:	Top	Bottom	Contents
Nacimiento	Surface	560'	aquifer
Ojo Alamo	560'	645'	aquifer
Kirtland	645'	1135'	
Fruitland	1135'	1385'	gas
Pictured Cliffs	1385'	1535'	gas
Total Depth	1535'		

**Drilling Contractor:** Availability

### Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0 - 120'	Spud	8.4 - 9.0	40 - 50	no control
120 - 1535'	Non-dispersed	8.4 - 9.0	30 - 60	6cc or less

**Logging Program:** Porosity Log - Triple Litho Density W/ GR and CAL.  
Induction Log - Array Induction W/ GR and SP

**Coring Program:** None

### Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 120'	8 5/8"	24#	J-55 or K-55
7 7/8"	120' - 1535'	5 1/2"	15.5#	J-55 or K-55

### Tubing Program:

0' - 1385'	2 7/8"	6.50#	J-55
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### Float Equipment:

8 5/8" surface casing - saw tooth guide shoe. One Centralizer.

5 1/2" production casing - Cement guide shoe and self fill insert float collar. Place float one joint above shoe. Five centralizers spaced every other joint above shoe and five turbolizers every other joint from top of well.

**Wellhead Equipment:** 8 5/8" x 5 1/2" Braiden Head and 5 1/2" x 2 7/8" Tubing Head.  
Independent Well Head assembly with a minimum rated working pressure of 1000 psig.

**Cementing:****8 5/8" Surface Casing -**

Cement with 84 sacks Class "B" cement with 1/4# celloflake/sx and 2% calcium chloride (83.93 cu. ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.

**5 1/2" Production Casing -**

Before cementing circulate hole with at least 1 1/2 hole volumes of mud. Precede cement with 30 bbls of fresh water. Lead with 205 sx (422.30 cu. ft.) of Class "B" with 2% metasilicate and 1/4#/sk celloflake. (Yield = 2.06 cu. ft. /sk; slurry weight = 12.5 PPG). Tail with 85 sx (100.30 cu. ft.) of Class "B" with 2% CaCl and 1/4#/sk celloflake. (Yield = 1.18 cu. ft. / sk; slurry weight = 15.6 PPG). Total cement volume is 522.60 cu. ft. (100% excess on open hole, calculated on cement volumes). WOC 12 hrs. Test casing to 600 psi/30 minutes.

**BOP and Tests:** Surface to TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 1000# / 30 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

**Additional information:**

- The Fruitland Coal formation will be completed.
- Anticipated pore pressure for the Fruitland is 300 psi.
- New casing will be utilized.
- Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

Date: 8/4/03 Drilling Engineer: Michael T. Hanson