# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF COLEMAN OIL & GAS, INC. FOR AMENDMENT OF DIVISION ADMINISTRATIVE ORDER SWD-806-B, SAN JUAN COUNTY, NEW MEXICO.

STATE OF NEW MEXICO )

**CASE NO. 13812** 

<b>AFFID</b>	AVIT
--------------	------

) ss. COUNTY OF SANTA FE )
William F. Carr, attorney in fact and authorized representative of Coleman Oil & Gas, Inc.,
the Applicant herein, states that notice of the above-referenced Application was mailed to the
addresses shown on Exhibit "A" attached hereto, and that true and correct copies of the notice letter
and proof of receipt are attached hereto.
SUBSCRIBED AND SWORN to before me this day of October 2006 by William F.
Carr.  Survival Start-Apple  Notary Public  My Commission Expires: Mark 28, 200 8

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case No. 13812 Exhibit No. 5

Submitted by:

COLEMAN OIL & GAS, INC.

Hearing Date: November 9, 2006

☐ Agent ☐ Addressee Return Receipt for Merchandise C.O.D. 区 Return Receipt for Merchandise B. Date of Delivery ☐ Addressee BL Mate of Delivery 102595-00-M-0952 ☐ Agent . ₩ £ % % | | | | ě Xes. COMPLETE THIS SECTION ON DELIVERY D. is delivery address different from item 1? D. Is delivery address different from item 1? ANTIVES, enter delivery address below: If YES, enter delivery address below: ☐ Express Mail ☐ Express Mail Elegareto (represondado) A. Peceived by (Please Print Clearly) Restricted Delivery? (Extra Fee) Restricted Delivery? (Extra Fee) ´☐ C.O.D. 9558 7400 S SKIEGERINED Mail Certified Mail 747 ☐ Insured Mail ☐ Insured Mail ☐ Registered ☐ Registered 100/ Service Type ANTICES Service Type C. Signature C. Signature 9558 Domestic Return Receipt Domestic Return Receipt × × 2000 0002 ⋖ Attach this card to the back of the mailpiece, Attach this card to the back of the mailpiece, Print your name and address on the reverse Commissioner of Public Lands 1235 La Plata Highway, Suite Print your name and address on the reverse ■ Complete items 1, 2, and 3. Also complete ■ Complete items 1, 2, and 3. Also complete 1140 Farmington, NM 87401-8731 Bureau of Land Management SENDER: COMPLETE THIS SECTION 1740 SENDER COMPLETE THIS SECTION . Farmington District Office item 4 if Restricted Delivery is desired. item 4 if Restricted Delivery is desired State Land Office Building so that we can return the card to you. so that we can return the card to you. Santa Fe, NM 87504-1148 7007 7007 or on the front if space permits. or on the front if space permits. Post Office Box 1148 「風味などには、世界が一般にある。 PS Form 3811, July 1999 PS Form 3811, July 1999 2. Article Number (Copy for 2. Article Number (Copy 1. Article Addressed to: Article Addressed to: 1235 La Plata Highway, Suite A ATA MA Commissioner of Public Lands Farmington, NM 87401-8731 Bureau of Land Management Postmark Farmington District Office 12206 State Land Office Building Santa Fe, NM 87504-1148 Post Office Box 1148 07.B विवेद्याः Ŕ 04.6  $\otimes$ J. B Total Postage & Fees | \$ Total Postage & Fees \$ Postage Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Certified Fee Postage Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Certified Fee i i Street, Apt. No. or PO Box No. Coleman Clty, State, ZIP, PS Form(3800 Coleman Street, Apt. No., or PO Box No. City, State, ZIP+ ii d Cades S Form Sau Sent To セドル Sent To 00뉴스 8556 5000 ዐተፒፒ TOOL LTHZ 8556 77#0 0005 TOOL

3,

102595-00-M-0952

### **NOTIFICATION LIST**

Bureau of Land Management Farmington District Office 1235 La Plata Highway Suite A Farmington, New Mexico 87401-8731

Commissioner of Public Lands State Land Office Building 310 Old Santa Fe Trail Post Office Box 1148 Santa Fe, New Mexico 87504-1148



William F. Carr wcarr@hollandhart.com

October 12, 2006

# CERTIFIED MAIL RETURN RECEIPT REQUESTED

AFFECTED INTEREST OWNERS

Re: Application of Coleman Oil & Gas, Inc. for amendment of administrative Order SWD-806-B, San Juan County, New Mexico.

Ladies and Gentlemen:

This letter is to advise you that Coleman Oil & Gas, Inc., Inc. has filed the enclosed application with the New Mexico Oil Conservation Division seeking an order amending the provisions of Administrative Order SWD-806-B which authorized the completion of the Juniper SWD Well No. 1 (API No. 30-045-29732) located 880 feet from the North line and 730 feet from the West line (Unit D) of Section 16, Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico for the injection of produced water for disposal purposes into the Mesaverde formation to eliminate the requirement for the re-entering and re-plugging the Monument Well No. 1 (API No. 30-045-21912) located 1650 feet from the North line and 990 feet from the East line of Section 17, and the Monument Well No. 2 (API No. 30-045-21463) located 800 feet from the North and West lines of Section 16, both in Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico.

This application has been set for hearing before a Division Examiner on November 9, 2006. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 1208.B to file a Pre-Hearing Statement with the Oil Conservation Division's Santa Fe office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, four days in advance of a scheduled hearing, but at least on the Thursday preceding the hearing. This statement must include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

Sincerely,

William F. Carr

ATTORNEY FOR COLEMAN OIL & GAS, INC.

cc:

Alan Emmendorfer Coleman Oil & Gas, Inc. STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF COLEMAN OIL & GAS, INC. FOR AMENDMENT OF DIVISION ADMINISTRATIVE ORDER SWD-806-B, SAN JUAN COUNTY, NEW MEXICO.

CASE	NO.
------	-----

#### **APPLICATION**

COLEMAN OIL & GAS, INC., ("Coleman") through its undersigned attorneys, hereby makes application to the Oil Conservation Division for an order amending Administrative Order SWD-806-B to delete the provisions requiring Coleman to re-enter and re-plug the Monument Well No. 1 (API No. 30-045-21912) located 1650 feet from the North line and 990 feet from the East line of Section 17, and the Monument Well No. 2 (API No. 30-045- 21463) located 800 feet from the North and West lines of Section 16, both in Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico ("the Monument Wells"), and support of its application states:

- 1. Coleman is the operator of the Juniper SWD Well No. 1 (API No. 30-045-29732) ("the Juniper Well") located 880 feet from the North line and 730 feet from the West line (Unit D) of Section 16, Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico.
- 2. By Administrative Order SWD-806 dated July 20, 2001, the Oil Conservation Division authorized Coleman to complete the Juniper Well for the injection of produced water for disposal purposes into the Mesaverde formation from a depth of approximately 3,820 feet to 3,980 feet through 2 7/8 inch plastic-lined tubing set in a packer located at approximately 3,790 feet.
- 3. In May 2002, Coleman requested that the Division to, among other things, change the approved injection interval to 2,176 feet to 3,974 feet through 2 7/8 inch plastic-lined tubing set in a packer at approximately 2125 feet. The request was approved by Administrative Order SWD-806-A, dated May 20, 2002.

- 4. Pursuant to Administrative Order SWD-806-A, Coleman first perforated the Juniper well in the Point Lookout member of the Mesaverde formation from depths of 3,036 to 3,974 feet and hydraulically fractured in this interval.
- 5. The Juniper well was next perforated in the upper Menefee and Cliff House members of the Mesaverde formation from 2,176 to 2,758 feet and hydraulically fractured in these intervals.
- 6. By letter dated October 28, 2005, the Division advised Coleman that the Division had determined that the upper Mesaverde injection interval contains protectable water. The Division proposed to amend SWD-806-A to "limit the permitted injection interval to depths of 3,820 to 3,980 feet and to require remedial cementing operations on offsetting wells located within ½ mile or greater of this injection well in order to isolate the upper members of the Mesaverde formation from saltwater injection into the lower Mesaverde." This letter directed Coleman to either squeeze off the upper perforations and ensure the squeeze would hold up to a pressure test, or place a surface readout and downhole pressure sensor directly above the injection packer after placing the packer below the upper perforated interval.
- 7. By letter dated November 14, 2005, Coleman requested a meeting with the Division to explore alternatives to the proposed actions set out by the Divisions in its October 28, 2005 letter.
- 8. On December 15, 2005, during a meeting between Coleman and the Division, Coleman agreed that its injection permit SWD-806-A could be amended to exclude potential sources of drinking water within the Cliff House and the upper Menefee members of the Mesaverde from injection of produced water into the lower Menefee and Point Lookout intervals of the Mesaverde formation and to initiate a study to determine the area affected by injection through the Juniper Well..
- 9. By Administrative Order SWD-806-B, dated May 18, 2006, the Division determined that the interval from 2,170 to 2,758 feet may contain in-situ waters with characteristics determined to be protectable under the Oil Conservation Division Rules and the federal Safe Drinking Water Act and amended the injection permit to exclude this fractured interval from direct or indirect injection of oil field produced waters. The Division further required that the Monument Wells be re-entered and re-plugged "to place cement across all former and future intervals of injection within the Mesaverde and in the

Juniper Well No. 1 and to cover and isolate with cement any potential fresh water intervals." The

Division directed that this work must be commenced prior to January 1, 2007 or the permit to inject into

the Juniper Well will expire.

10. Coleman began evaluating options for the Juniper Well on December 1, 2005 to comply

with the Division's October 28, 2005 letter and Division Order SWD-806-B. In addition to design work

on the Juniper Well, Coleman had an "Area of Influence Report" prepared on the Juniper well by an

outside consulting firm. This study shows that the radius of injected water ranges from 193 feet to 244

feet and that the area of injected water ranged from 2.7 acres to 4.3 acres.

11. Based on the work it has done on the Juniper well and the data it has obtained on the area

of influence from injection in the Juniper well, Coleman seeks an order eliminating the requirement that it

re-enter and re-plug the Monument Wells.

12. Notice of this application has been provided to the State Land Office as the oil and gas

lessee under the Juniper spacing unit and, since the surface is federal land, to the Bureau of Land

Management. Coleman is the only leasehold operator within ½ mile of the Juniper well.

13. Approval of this application is in the best interest of conservation, will prevent waste,

protect correlative rights and will not pose a threat to fresh water or to human health of the environment.

WHEREFORE, Coleman Oil & Gas, Inc. requests that this application be set for hearing before

an examiner of the Oil Conservation Division on November 9, 2006, and after notice and hearing as

required by law, the Division enter its order granting this application.

Respectfully submitted, HOLLAND & HART LLP

1

WILLIAM F. CARR

Post Office Box 2208

Santa Fe, New Mexico 87504

Telephone: (505) 988-4421

ATTORNEYS FOR COLEMAN OIL & GAS,

INC.

CASE\_\_\_\_

Application of Coleman Oil & Gas, Inc. for amendment of administrative Order SWD-806-B, San Juan County, New Mexico. Applicant in the above-styled cause seeks an order amending the provisions of Administrative Order SWD-806-B which authorized the completion of the Juniper SWD Well No. 1 (API No. 30-045-29732) located 880 feet from the North line and 730 feet from the West line (Unit D) of Section 16, Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico for the injection of produced water for disposal purposes into the Mesaverde formation to eliminate the requirement for the re-entering and re-plugging the Monument Well No. 1 (API No. 30-045-21912) located 1650 feet from the North line and 990 feet from the East line of Section 17, , and the Monument Well No. 2 (API No. 30-045-21463) located 800 feet from the North and West lines of Section 16, both in Township 24 North, Range 10 West, NMPM, San Juan County, New Mexico. These wells are located approximately 23 miles southeast of Bloomfield, New Mexico.

#### AFFIDAVIT OF PUBLICATION

Ad No. 54146

## STATE OF NEW MEXICO County of San Juan:

ROBIN ALLISON, being duly sworn says: That she is the CLASSIFIED MANAGER of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication and appeared in the Internet at The Daily Times web site on the following day(s):

Tuesdays, October 17, 24, 2006

And the cost of the publication is \$194.74

1.11.2000 ROBIN **ALLISON** appeared before me, whom I know personally to be the person who signed the above document.

Cómmission Expires

#### COPY OF PUBLICATION

#### 152: Legal Notices 152: Legal Notices Legal Notices NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

The State of New Mexico, through its Oil Conservation Division hereby gives no tice pursuant to low and the Rules and Regulations of the Division of the follow ling public hearing to be held at 8:15 A.M. on November 9, 2006, in the Oil not conservation Division Hearing Room at 1220 South St. Francis, Santa Fe. New Mexico, before an examiner ally appoint for the hearing. It you are an individual with a disability who is in need of a reader; amplifier, quiffed sign language interpreter, or any other form of duxiliary, aid or service to attend or participate in the hearing, please contact. Florene Davidson at 505-476:3458 or through the New Mexico Relay Network, 1-800-659-1779 by October 30, 2006. Public documents including the agenda and minutes; can be provided in various accessible form is needed.

STATE OF NEW MEXICO TO:
All named parties and persons All named parties and persons having any right; fitte, interest or claim in the following cases and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

CASE 13812:

Application of Coleman Oil & Gas, Inc. for amendment of administrative. Order SWD-806-8. San Juan County, New Mexico. Applicant in the above-styled cases an order amending the provisions of Administrative Order SWD-806-8 seeks an order amending the provisions of Administrative Order SWD-806-8 seeks an order amending the provisions of Administrative Order SWD-806-8 order of SWD-806-8 order SWD-806-8 order of S

Given under the Seals of the State of New Mexico Oil Conservation Commission at Santa Fe; New Mexico on this 12th day of October 2006.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

CALLEY TO

Mark E. Fesmire, P.E., Director

Legal No. 54146 published in The Daily Times Farmington, New Mexico on October 17, 24, 2006