

6-27-05 DATE IN	SUSPENSE	Stogner ENGINEER	6-28-05 LOGGED IN	NSL TYPE	PSEM0517935448 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

*I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.*

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ann E. Ritchie

Print or Type Name

*Ann E. Ritchie*

Signature

Regulatory Agent

Title

6-16-05

Date

ann.ritchie@wtor.net

e-mail Address

June 16, 2005

New Mexico Oil Conservation Division  
Attn: Mr. Michael Stogner  
1220 South St. Francis Drive  
Santa Fe, NM 87504



***RE: David H. Arrington Oil & Gas, Inc., Application to amend Administrative Approval of an Unorthodox Well, Administrative Order-4544 for the Green Wooley Booger Federal "5", Well #1, located 2330 feet FSL and 860 feet FWL of Section 5, T19S, R24#, NMPM, Eddy County, New Mexico***

Dear Mr. Stogner,


David H. Arrington Oil & Gas, Inc. received approval by Administrative Order NSL-4544 on January 31, 2001 to drill the referenced well (Order attached). The well was subsequently drilled and completed in the Antelope Sink-Upper Penn (C-104 attached). The initial potential on the well was 21 mcf of gas per day with 0 oil per day and 0 water per day. At the time the production did not merit the cost of surface/pipeline installations. The well was subsequently plugged and abandoned on May 23, 2003 (Form 3160-5 attached).

David H. Arrington Oil & Gas, Inc. intends to re-enter the well and attempt a completion in the Wildcat (Wolfcamp) gas pool at approximately 5200'. This location is unorthodox in the Wolfcamp formation because it is governed by the Division's Statewide Rule 104 F (2) which provide for wells on 320 spacing units to be located not closer than 660 feet to the outer boundary of the quarter section and no closer than 10 feet to any quarter-quarter section line or subdivision inner boundary. This well is unorthodox toward the inner quarter-quarter section boundary of this 320 acre spacing unit and is encroaching only upon Arrington acreage. No adjoining or diagonal spacing units should be affected by this location so as per Rule 1207 A, there are no affected persons. The spacing unit is covered by one federal oil and gas lease and all ownership in the proposed spacing unit is common.

Please see attached a copy of the initial Form C-102 submitted with the prior application as per Administrative Order NSL-4544.

Please let me know if you need further information in order to approve the addition/amendment from the Cisco formation to the Wolfcamp formation NSL-4544. Thank you.

Yours truly,



Ann E. Ritchie, Regulatory Agent  
David H. Arrington Oil & Gas, Inc.  
c/o P.O. Box 953  
Midland, TX 79702  
432 684-6381/682-1458-fax; ann.ritchie@wtor.net



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

January 31, 2001

**Lori Wrotenbery**  
Director  
**Oil Conservation Division**

**David H. Arrington Oil & Gas, Inc.**  
c/o William F. Carr  
**Holland & Hart L.L.P. and Campbell & Carr**  
P. O. Box 2208  
Santa Fe, New Mexico 87504-2208

Telefax No. (505) 983-6043

*Administrative Order NSL-4544*

Dear Mr. Carr:

Reference is made to the following: (i) your application on behalf of the operator, David H. Arrington Oil & Gas, Inc. ("Arrington"), dated December 29, 2000; and (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe: all concerning Arrington's request for its proposed Green Wooley [sic] Booger Federal "5" Well No. 1 to be drilled at an unorthodox Cisco gas well location 2330 feet from the South line and 860 feet from the West line (Unit L) of Section 5, Township 19 South, Range 24 East, NMPM, Eddy County, New Mexico.

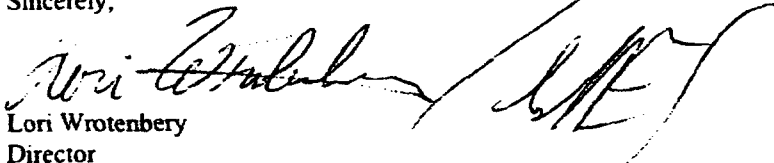
Lots 3 and 4, the S/2 NW/4, and the SW/4 (W/2 equivalent) of Section 5 is to be dedicated to this well in order to form a standard 321.22-acre stand-up gas spacing and proration unit for the Undesignated Antelope Sink-Upper Pennsylvanian Gas Pool.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox gas well location will be at a more favorable geologic position within the lower portion of the Cisco formation than a well drilled at a location considered to be standard within the proposed unit.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox gas well location within the Undesignated Antelope Sink-Upper Pennsylvanian Gas Pool is hereby approved.

Sincerely,

  
Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad



MAR 25 2002

Form C-104

Reformatted July 20, 2001

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

# I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address David H. Arrington Oil & Gas, Inc P.O. Box 2071 Midland, Texas 79702		<sup>2</sup> OGRID Number 005898
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 11/14/01
<sup>4</sup> API Number 30 - 015-31498	<sup>5</sup> Pool Name Antelope Sink-Upper Penn	<sup>6</sup> Pool Code 70520
<sup>7</sup> Property Code 26995	<sup>8</sup> Property Name Green Wooley Booger Federal "5"	<sup>9</sup> Well Number 1

## II. <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
L	5	19S	24E		2330'	South	860	West	Eddy

## <sup>11</sup> Bottom Hole Location

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> Lse Code F	<sup>13</sup> Producing Flowing	<sup>14</sup> Gas 10/01/01	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

## III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
147831	Agave Energy	283/279	G	

## IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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## V. Well Completion Data

<sup>25</sup> Spud Date 3/23/01	<sup>26</sup> Ready Date 10/01/01	<sup>27</sup> TD 8610'	<sup>28</sup> PBDT 8050'	<sup>29</sup> Perforations 6196'-6354' & 6382'-6430'	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size 12 1/4"	<sup>32</sup> Casing & Tubing Size Conductor	<sup>33</sup> Depth Set Surface	<sup>34</sup> Sacks Cement		
12 1/4"	8 5/8"	1336'	805 sxs		
7 7/8"	5 1/2"	8610'	1775 sxs		

## VI. Well Test Data

<sup>35</sup> Date New Oil NA	<sup>36</sup> Gas Delivery Date 11/14/01	<sup>37</sup> Test Date 12/05/01	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure 380	<sup>40</sup> Csg. Pressure 359
<sup>41</sup> Choke Size —	<sup>42</sup> Oil 0	<sup>43</sup> Water 0	<sup>44</sup> Gas 21	<sup>45</sup> AOF	<sup>46</sup> Test Method Flowing

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:  
Chuck Sledge

Title:  
Engineer

Date:  
01/08/02

Phone:  
(915) 682-6685

Approved by:

OIL CONSERVATION DIVISION  
ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

JAN 30 2002

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

David H. Arrington Oil & Gas, Inc.

3a. Address

P.O. Box 2071, Midland, TX 79702

3b. Phone No. (include area code)

432 684-6381/687-2176

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

(L) 2330' FSL & 860' FWL of Section 5, T19S, R24E, NMPM

5. Lease Serial No.

NM 103591

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Green Wooley-Booger Fed "5"

9. API Well No.

30 015 31498

10. Field and Pool, or Exploratory Area

Antelope Sink

11. County or Parish, State

Eddy County, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
| <input type="checkbox"/> Change Plans         | <input checked="" 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with 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 recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

As per copy of Form C-103 filed by Howard Boatright of Well Pluggers, Inc. dated 5-27-03: OCD has no record of this filing.

5-21-03: Notified OCD of plugging.

5-23-03: RIH & set CIBP @ 6146', circulated hole w/mud to surface. Capped CIBP w/25 sx cement.

Spotted open ended 25 sx of cement @ 4860'. Spotted open ended 25 sx cement @ 3723'.

Spotted open ended 25 sx of cement @ 1700'. Spotted open ended 30 sx cement @ 1400', WOC & tagged.

RIH and tagged plug @ 1104'. Spotted 35 sx of cement @ 400', WOC tagged. Tagged TOC @ 98'.

Spotted 15 sx plug from 31' - surface; installed dry hole marker.

Rigged down pulling unit.

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

Name (Printed/Typed)

Ann E. Ritchie

Title Regulatory Agent

Signature

Date 4-19-05

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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 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 II**  
P. O. Drawer DD  
Artesia, NM 88211-0719

**DISTRICT III**  
1000 Rio Brazos Rd.  
Aztec, NM 87410

**DISTRICT IV**  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**OIL CONSERVATION DIVISION**  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

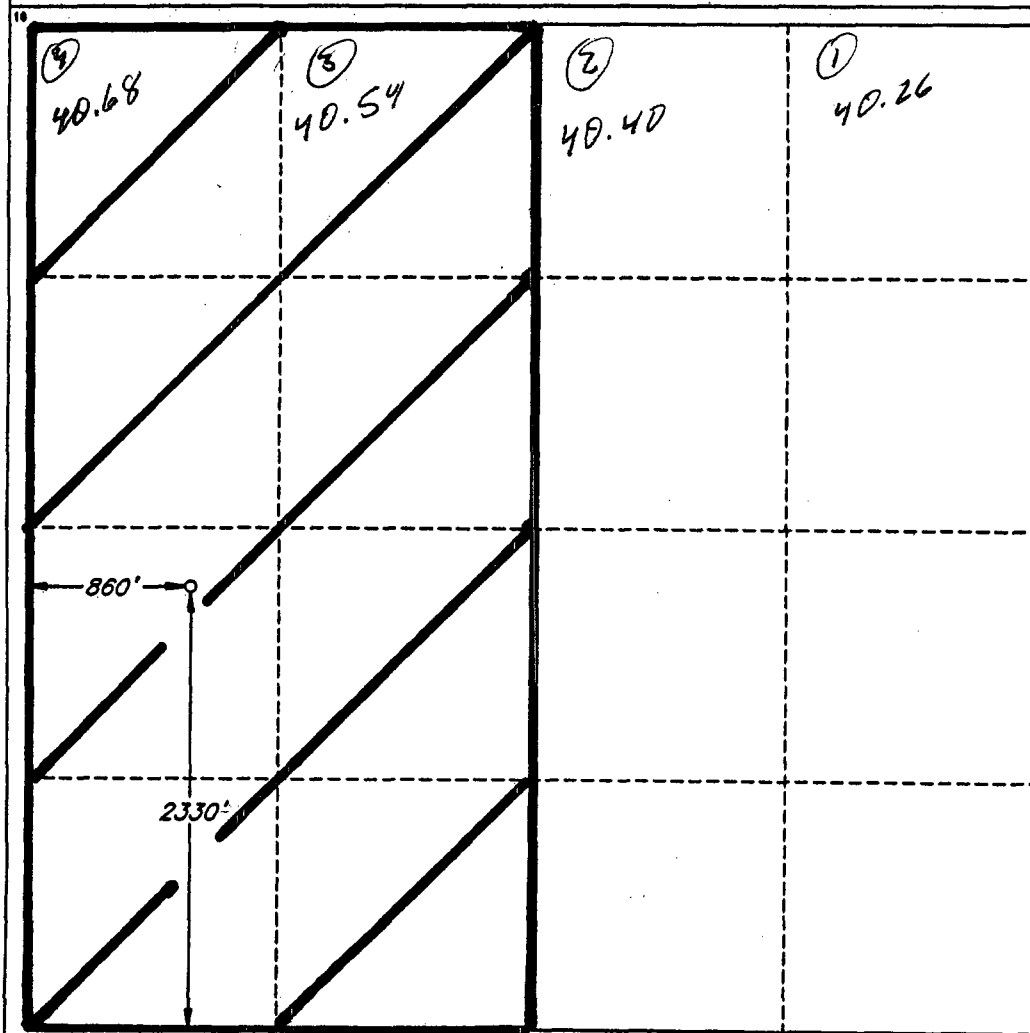
☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

(well drilled & P.A'd by  
David Arrington  
Oil & Gas, Inc.)

1 API Number		2 Pool Code		3 Pool Name <i>Antelope Sink Maroon</i>					
4 Property Code		5 Property Name <i>GREEN WOOLEY-BOUGER FEDERAL 'S'</i>				6 Well Number <i>1</i>			
7 OGRID No.		8 Operator Name <i>DAVID H. ARRINGTON OIL &amp; GAS, INC.</i>				9 Elevation <i>3768'</i>			
10 SURFACE LOCATION									
UL or lot no. <i>L</i>	Section <i>5</i>	Township <i>19 SOUTH</i>	Range <i>24 EAST, N.M.P.M.</i>	Lot Ida	Feet from the <i>2330'</i>	North/South line <i>SOUTH</i>	Feet from the <i>860'</i>	East/West line <i>WEST</i>	County <i>EDDY</i>
"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres <i>320</i>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



**OPERATOR CERTIFICATION**

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

Signature

Printed Name

Title

Date

**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

NOVEMBER 13, 2000

Signature and Seal of Professional Surveyor

Certificate No.

V. L. READER... 7920

JOB # 7534X LAB / JCP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

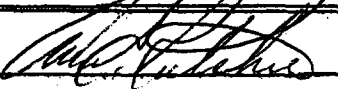
APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. NM 103591
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name n/a
2. Name of Operator David H. Arrington Oil & Gas, Inc.		7. If Unit or CA Agreement, Name and No. n/a
3a. Address P.O. Box 2071, Midland, TX 79702		8. Lease Name and Well No. Green Woolley-Bonger Fed. 5
3b. Phone No. (include area code) 432 684-6381/682-6685		9. API Well No. 3 015 31498
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 2330 FSL & 860' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Wildcat
14. Distance in miles and direction from nearest town or post office* 13 miles SW of Artesia, New Mexico		11. Sec., T., R., M., or Bk. and Survey or Area Sec 5, T19S, R24E, NMPM
15. Distance from proposed* location to nearest property or lease line, ft. n/a (Also to nearest drig. unit line, if any).	16. No. of Acres in lease 1280	12. County or Parish Eddy
17. Spacing Unit dedicated to this well 320 acres	18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. n/a	13. State NM
19. Proposed Depth 5100'	20. BLM/BLA Bond No. on file UIB0005938	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3768' GL	22. Approximate date work will start* upon approval	23. Estimated duration 11 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:

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

25. Signature 	Name (Printed/Typed) Ann E. Ritchie	Date 4-19-05
Title Regulatory Agent		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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.

\*(Instructions on reverse)

APR 27 2005



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201-2019



In reply refer to:  
3162.4 (513)  
NM-103591

APR 26 2005

David H. Arrington Oil & Gas, Inc.  
Attn: Ann E. Ritchie  
P. O. Box 2071  
Midland, TX 79702

Dear Mr. Ritchie:

Your Application for Permit to Drill (APD), the Green Wooley-Booger Fed "5" Well No. 1, 2330' FSL and 860' FWL, Section 5, T. 19 S., R. 24 E., Eddy County, New Mexico, Lease No. NM-103591 was received on April 26, 2005.

The APD has been reviewed pursuant to part III.B.2 of Oil and Gas Onshore Order No. 1, except for the Archaeological Survey Report, and is found to be:

- ☒ Complete
- ☐ Deficient in the following items marked with an "X"
- ☐ Form 3160-3
  - ☐ Survey Plat
  - ☐ Bonding
  - ☐ Drilling Plan
  - ☐ BOP Diagram
  - ☐ Choke Manifold Diagram
  - ☐ H<sub>2</sub>S Drilling Plan
  - ☐ Surface Use Plan (including certification statement)
  - ☐ Private Surface Owner's Agreement or Statement that an Agreement has been reached concerning surface use
  - ☐ Other:

Please submit six (6) copies of each of the above noted deficiencies, except for the Archaeological Survey Report. Technical adequacy of the APD will be determined during processing and you will be contacted if additional information is required.

If you would like to know whether the Archeological Survey Report has been filed with the BLM, call the Carlsbad Resource Area Office at (505) 234-5972.

Sincerely,

Linda A. Askwig  
Legal Instruments Examiner

*3160-5 approved for wildcat*

*\* signed off  
5-25-05*