

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-101
 Revised February 21, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Elm Ridge Resources, Inc. (214) 696-8090 4925 Greenville Ave., Suite 1305, Dallas, Tx. 75206		OGRID Number 149052
		API Number 30-039-25791
Property Code 19035	Property Name Harvey State	Well No. #4

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	25n	6W		1660	North	1750	West	Rio Ar.

8 Proposed 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
Proposed Pool 1 72439 South Blanco Pictured Cliffs Ext.					Proposed Pool 2 160				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 6780'
Multiple No	Proposed Depth 2,780'	Formation Pic. Cliffs	Contractor Ludwig	Spud Date ASAP

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
9-3/4"	7"	23	250'	150 sx	Surface
6-1/4"	4-1/2"	10.5	2,780'	630 sx	Surface

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Elm Ridge operates only other well (Harvey State #3) in SENW. New pad all within old pad.
~~Will re-enter well, use 2000# BOP, run logs, test, and complete.~~

MAR - 8 1998
 OIL CON. DIV.
 DIST. 3

RECEIVED
 DEC - 5 1997
 OIL CON. DIV.
 DIST. 3

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Brian Wood</i>		OIL CONSERVATION DIVISION	
Printed name: Brian Wood		Approved by: <i>Ernie R. ...</i>	
Title: Consultant		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3	
Date: December 4, 1997		Approval Date: MAR - 9 1998 Expiration Date: MAR - 9 1999	
Phone: (505) 466-8120		Conditions of Approval: Attached <input type="checkbox"/>	

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

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

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|----------|--|----|--|
| 1 | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office. | 20 | Anticipated spud date. |
| 2 | Operator's name and address | 21 | Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement |
| 3 | API number of this well. If this is a new drill the OCD will assign the number and fill this in. | 22 | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary. |
| 4 | Property code. If this is a new property the OCD will assign the number and fill it in. | 23 | The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report. |
| 5 | Property name that used to be called 'well name' | | |
| 6 | The number of this well on the property. | | |
| 7 | The surveyed location of this well New Mexico Principal Meridian 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. | | |
| 8 | The proposed bottom hole location of this well at TD | | |
| 9 and 10 | The proposed pool(s) to which this well is being drilled. | | |
| 11 | Work type code from the following table:
N New well
E Re-entry
D Drill deeper
P Plugback
A Add a zone | | |
| 12 | Well type code from the following table:
O Single oil completion
G Single gas completion
M Multiple completion
I Injection well
S SWD well
W Water supply well
C Carbon dioxide well | | |
| 13 | Cable or rotary drilling code
C Propose to cable tool drill
R Propose to rotary drill | | |
| 14 | Lease type code from the following table:
S State
P Private | | |
| 15 | Ground level elevation above sea level | | |
| 16 | Intend to multiple complete? Yes or No | | |
| 17 | Proposed total depth of this well | | |
| 18 | Geologic formation at TD | | |
| 19 | Name of the intended drilling company if known. | | |

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number <i>30-039-25791</i>		² Pool Code 72439	³ Pool Name South Blanco Pictured Cliffs Ext.
⁴ Property Code 19035	⁵ Property Name Harvey State		⁶ Well Number # 4
⁷ OGRID No. 149052	⁸ Operator Name ELM RIDGE RESOURCES		⁹ Elevation 6780'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	25 N	6 W		1660	North	1750	West	Rio Arriba

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

¹² Dedicated Acres <i>160</i>	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

	<p>MAR - 3 1997</p> <p>OIL CON. DIV. DIST. 3</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p>Signature <u>Brian Wood</u></p> <p>Printed Name <u>Brian Wood</u></p> <p>Title <u>Consultant</u></p> <p>Date <u>December 4, 1997</u></p>
	<p>OIL CON. DIV. DIST. 3</p>	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey <u>DEC 3 1997</u></p> <p>Signature and Seal of Professional Surveyor: <u>[Signature]</u></p> <p>REGISTERED LAND SURVEYOR NEW MEXICO 6844</p> <p>Certificate Number <u>6894</u></p>



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

February 25, 1998

Post-It® Fax Note	7871	Date	# of pages ▶
To	BRIAN WOOD	From	S. Clark
Co./Dept.		Co.	Elm Ridge
Phone #		Phone #	241/191-8690
Fax #	505/466-9682	Fax #	

Mr. James M. Clark, Jr.
Elm Ridge Resources, Inc.
4925 Greenville Avenue, Suite 1305
Dallas, TX 75206-4021

**Re: \$50,000 Blanket Plugging Bond
Elm Ridge Resources, Inc., Principal
Underwriters Indemnity Company, Surety
Bond No. B7149**

Dear Mr. Clark:

The New Mexico Oil Conservation Division hereby approves the above-captioned blanket plugging bond.

Sincerely,

Lori Wrotenbery
LORI WROTENBERY,
Director

LW/dp

cc: Oil Conservation Division - Hobbs, Artesia, Aztec

Underwriters Indemnity Company
8 Greenway Plaza, Suite 400
Houston, TX 77046

