

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. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Marathon Oil Company P.O. Box 3487 Houston, TX 77253-3487		<sup>2</sup> OGRID Number 14021
		<sup>3</sup> API Number 30- 25-09950
<sup>4</sup> Property Code 006424	<sup>5</sup> Property Name Walter Lynch	<sup>6</sup> Well No. 5
<sup>9</sup> Proposed Pool 1 Penrose Skelly Grayburg		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no. C	Section 1	Township 22-S	Range 37-E	Lot. Idn	Feet from the 660'	North/South Line North	Feet from the 1980	East/West line West	County Lea
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<sup>8</sup> 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
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Additional Well Location

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3350'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation Grayburg	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17"	13 3/8"	48 #	300'	250	Surface
11"	8 5/8"	32 #	2800'	1500	Surface
6 3/4"	5 1/2"	17 #	6440'	500	2650' New CBL
4 3/4"	4"	9 #	6290' - 7500'	56	top of liner

<sup>22</sup> 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.

Marathon Oil Company plans to plug back the San Andres formation in the Walter Lynch No 5. A test of this formation revealed no liquid hydro-carbons and only a trace of gas. Marathon is proposing to come up hole and re-complete the well in the Penrose Skelly Grayburg formation.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

Plugback

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: Charles E. Kendrix

Printed name: Charles E. Kendrix

Title: Engineering Technician

E-mail Address: cekendrix@marathonoil.com

Date: 02/08/2006

Phone: 713-296-2096

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: MAR 08 2006

Expiration Date:

Conditions of Approval:

Attached ☐

PETROLEUM ENGINEER

District I  
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State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-09950	<sup>2</sup> Pool Code 50350	<sup>3</sup> Pool Name Penrose Skelly Grayburg
<sup>4</sup> Property Code 006424	<sup>5</sup> Property Name Walter Lynch	<sup>6</sup> Well Number 5
<sup>7</sup> OGRID No. 14021	<sup>8</sup> Operator Name Marathon Oil Company	<sup>9</sup> Elevation 3350'

<sup>10</sup> Surface Location

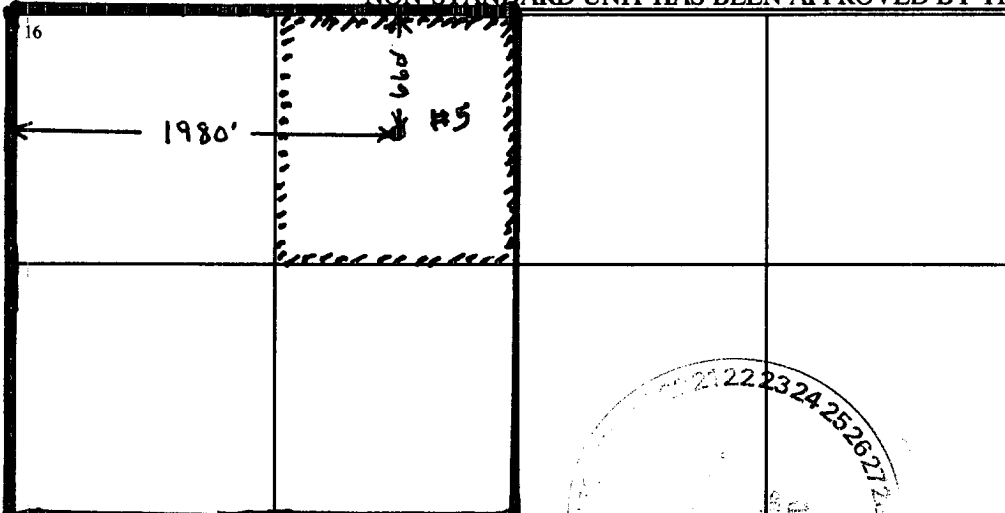
UL or lot no. C	Section 1	Township 22-S	Range 37-E	Lot. Idn	Feet from the 660'	North/South line North	Feet from the 1980'	East/West line West	County Lea
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill N	<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>16</sup> 	<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.  <i>Charles E. Kendrix</i> Signature  Charles E. Kendrix Printed Name Engineering Technician cekendrix@marathonoil.com Title and E-mail Address  02/08/2006 Date
	<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 Signature and Seal of Professional Surveyer:  Certificate Number

 The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

**Mull, Donna, EMNRD**

**From:** Phillips, Dorothy, EMNRD  
**To:** Mull, Donna, EMNRD  
**Cc:**  
**Subject:** RE: Financial Assurance Requirement  
**Attachments:**

**Sent:** Wed 3/8/2006 9:16 AM

Trilogy is OGRID 21602 and yes, all are okay.

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**From:** Mull, Donna, EMNRD  
**Sent:** Wednesday, March 08, 2006 9:01 AM  
**To:** Phillips, Dorothy, EMNRD  
**Cc:** Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD  
**Subject:** Financial Assurance Requirement

Dorothy, I need to check on the Financial assurance requirements for these Operators.

These Operators have C-101's ( Intent to drill, Re-entry, Deepen, Plugback:  
Marathon Oil Co (14021)  
Trilogy Operating Inc (21601)  
Range Operating New Mexico Inc (227588)

These Operators have C104's ( Allowable & Authorization to transport)

Marbob Energy Corp (14049)  
Devon Energy Production Co LP ( 6137)

Please let me know if they are OK.

Thanks Donna