

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
May 27, 2004

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

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>4</sup> Property Code 6442		<sup>3</sup> API Number 30- 30-025-10440	
<sup>5</sup> Property Name J.L. Muncy		<sup>6</sup> Well No. 1	
<sup>9</sup> Proposed Pool 1 Paddock		<sup>10</sup> Proposed Pool 2	

**<sup>7</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
P	24	22-S	37-E		660	South	660	East	Lea

**<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

**Additional Well Location**

<sup>11</sup> Work Type Code PB	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3333'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5500	<sup>18</sup> Formation 5080 - 5170	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP
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#	313'	300	0
11"	8 5/8"	32#	2771'	1500	
8"	5 1/2"	17#	6700'	600	

<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 is proposing to plugback the downhole commingled Tubb gas and Brunson Drinkard Abo South pools in the J.L. Muncy No 1, and complete the well to the Paddock pool. Marathon will set a CIBP @ approximately 5500' above three existing commingled perforations at Tubb (5855'-6481'), and upper Drinkard Abo at 6252'-6481', and lower Drinkard Abo at 6593'-6657'. Marathon will then perforate the Paddock at approximately 5080'-5370, and treat as necessary to bring onto production. Please see attached C-102 for Paddock.

<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 NMOC guidelines ☐ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.  
Signature: *Charles E. Kendrix*

Printed name: Charles E. Kendrix

Title: Reg Compliance Rep

E-mail Address: cekendrix@marathonoil.com

Date: 04/23/2007

Phone: 713-296-2096

**OIL CONSERVATION DIVISION**

Approved by:

*Chris Williams*

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: MAY 04 2007

Expiration Date:

Conditions of Approval:

Attached ☐

District I  
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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

Form C-102  
Revised October 12, 2005

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 30-025-10440	<sup>2</sup> Pool Code 49210	<sup>3</sup> Pool Name Paddock
<sup>4</sup> Property Code 6366	<sup>5</sup> Property Name J.L. Muncy	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14021	<sup>8</sup> Operator Name Marathon Oil Company	<sup>9</sup> Elevation 3333'

<sup>10</sup> Surface Location

UL or lot no. P	Section 24	Township 22-S	Range 37-E	Lot. Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	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
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  04/23/07 Signature Date Charles E. Kendrix Printed Name Reg Compliance Rep
				<sup>18</sup> SURVEYOR CERTIFICATION <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>  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

#1 660' 660'