

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

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

¹ Operator Name and Address Marathon Oil Company P.O. Box 3487 Houston, TX 77253-3487		² OGRID Number 14021
		³ API Number 30- 25-29218
⁴ Property Code 006442	⁵ Property Name J.L. Muncy	⁶ Well No. 6
⁹ Proposed Pool 1 Wildcat San Andres		¹⁰ Proposed Pool 2 Langlie Mattix 7 Rivers Queen Grayburg (37240)

⁷ Surface Location

UL or lot no. I	Section 24	Township 22-S	Range 37-E	Lot. Idn	Feet from the 1920'	North/South Line South	Feet from the 330'	East/West line East	County Lea
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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
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Additional Well Location

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3323'
¹⁶ Multiple No	¹⁷ Proposed Depth 3960' - 4640'	¹⁸ Formation San Andres	¹⁹ Contractor	²⁰ 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: No Pit				
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"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	32 #	1200'	450 sks	Surface
8 3/4"	7"	23"	7700'	2250 sks	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.

Marathon Oil Company intends to plug back the J.L. Muncy No 6 with a CIBP above the downhole commingle Blinberry and Tubb formations, and re-complete to the San Andres formation. If the San Andres is not found to be economically productive. We will come up hole and test the Grayburg formation.

Permit Expires 1 Year From Approval Date Unless Drilling Underway
Plugback

²³ 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 <input type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: <i>Charles E. Kendrick</i>		Approved by: <i>[Signature]</i>	
Printed name: Charles E. Kendrick		Title: PETROLEUM ENGINEER	
Title: Engineering Technician		Approval Date: DEC 15 2005	
E-mail Address: cekendrix@marathonoil.com		Expiration Date:	
Date: 12/01/2005	Phone: 713-296-2096	Conditions of Approval: Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised June 10, 2003

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-29218	² Pool Code	³ Pool Name Wildcat San Andres
⁴ Property Code 006442	⁵ Property Name J.L. Muncy	⁶ Well Number 6
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 3323'

¹⁰ Surface Location

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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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶				¹⁷ 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. Kendrick</i> Signature Charles E. Kendrick Printed Name Engineering Technician cekendrix@marathonoil.com Title and E-mail Address 12/01/2005 Date
				¹⁸ 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-29218	² Pool Code 37240	³ Pool Name Langlie Mattix Seven Rivers Queen Grayburg
⁴ Property Code 006442	⁵ Property Name J.L. Muncy	⁶ Well Number 6
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 3323'

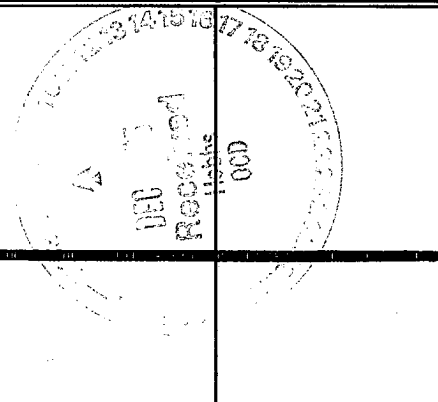
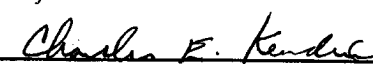
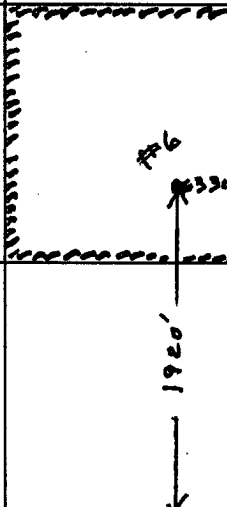
¹⁰ Surface Location

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I	24	22-S	37-E		1920'	South	330'	East	Lea

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					Charles E. Kendrix Printed Name
					Engineering Technician cekendrix@marathonoil.com Title and E-mail Address
					12/01/2005 Date
					¹⁸ 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 Surveyor:
Certificate Number					