

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

¹ Operator Name and Address Marathon Oil Company P.O. Box 3487 Houston, TX 77253-3487		² OGRID Number 14021
⁴ Property Code 006436		³ API Number 30- 30-025-25926
⁵ Property Name McDonald State AC 2		⁶ Well No. 30
⁹ Proposed Pool 1 Undesignated Tubb		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. A	Section 13	Township 22-S	Range 36-E	Lot. Idn	Feet from the 660	North/South Line North	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 PB	¹² Well Type Code 0	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3443'
¹⁶ Multiple N	¹⁷ Proposed Depth	¹⁸ Formation Tubb	¹⁹ Contractor Hobbs OCD	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: 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
11"	8 5/8"	24	1312	425	
7 7/8"	5 1/2"	17	6761'	1900	Surface
			Permit Expires 1 Year From Approval		
			Date Unless Drilling Underway		

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 is proposing to set a CIBP over the existing Blinebry perforations and recomplete the McDonald State AC 2 No 30 to the Tubb formation. Once the Blinebry workover work is completed and a rate for the Blinebry completion is established, Marathon plans to apply for downhole commingling the Tubb and Blinebry pools.

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

Printed name: Charles E. Kendrix

Title: Regulatory Compliance Representative

E-mail Address: cekendrix@marathonoil.com

Date: 10/10/2007

Phone: 713-296-2096

OIL CONSERVATION DIVISION

Approved by:

Chris Williams
DISTRICT MANAGER

Title:

OCT 10 2007

Approval Date:

Expiration Date:

Conditions of Approval: Approval to recomplete & test new zone, but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363.

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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 October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25926	² Pool Code	³ Pool Name Undesignated Tubb
⁴ Property Code 006436	⁵ Property Name McDonald State AC 2	⁶ Well Number 30
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 3443'

¹⁰ Surface Location

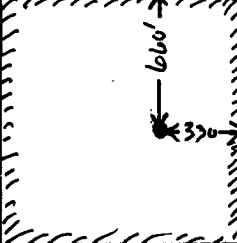
UL or lot no. A	Section 13	Township 22-S	Range 36-E	Lot. Idn	Feet from the 660	North/South line North	Feet from the 330	East/West line East	County Lea
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¹² Dedicated Acres 40	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶				¹⁷ OPERATOR CERTIFICATION 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. Charles E. Kendrix 10/04/2007 Signature Date Charles E. Kendrix Printed Name Regulatory Compliance Rep
				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