State of New Mexico **Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr.

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APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE 1. Operator Name and Address 2. OGRID Number MARATHON OIL CO 14021 5555 SAN FELIPE ST 3. API Number HOUSTON, TX 77056 30-025-37763 6. Well No. 4. Property Code 5. Property Name 35507 MCDONALD STATE A/C 1-15 003 7. Surface Location UL - Lot E/W Line Section Township Lot Idn Feet From N/S Line Feet From Range County 22S 36E 1750 2260 Ε LEA G 15 G Ν 8. Pool Information Wildcat San Andres 0 O

Wildcat Grayburg

Wildcat Paddock

Additional Well Information

9. Work Type New Well		ill Type IL	11. Cable/Rotary	12. Lease Type State	 Bround Level Elevation 3543
14. Multiple	15. Proposed Depth		16. Formation	17. Contractor	18. Spud Date
Y	6	000	Paddock		6/10/2006
Depth to Ground	water		Distance from nearest fresh water w	211	Distance to nearest surface water
60		> 1000	1996 S	> 1000	
<u>Pit:</u> Liner: Synthetic D	K 12	mils thick	Clay Pit Volume: 2000 bbls I	rilling Method:	
Closed Loop System	n	2.3	I	Fresh Water 🗙 Brine 🗌 I	Diesel/Oil-based 🗌 Gas/Air 🗌

	19. Proposed Casing and Cement Program							
Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC		
Surf	11	8.625	24	1250	750	0		
Prod	7.875	5.5	15.5	6000	1200	0		

Casing/Cement Program: Additional Comments

Surface cement- 750 sks. Class C w/ 2% CACL, 1.34 yield, 14.8 ppg. wt.. Cement production casing- Lead- 800 sks., Interfill C, yield 2.52, 11.8 ppg. wt. Tail- 400 sks. Class H w/ Thirotropic & gilsonite, 1.31 yield, 14.2 ppg. wt.

Proposed Blowout Prevention Program

			12 A
Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information giv of my knowledge and belief. I further certify that the duiling pit	ven above is true and complete to the best	Approved By: Paul Kautz			
NMOCD guidelines 🔍 a general pe OCD approved plan	amit 🔽, or an (attached) alternative				
Printed Name: Electronically fil	ed by Charles Kendrix	Title: Geologist			
Title: Engineering Technician		Approved Date: 3/22/2006	Expiration Date: 3/22/2007		
Email Address: cekendrix@Mar	athonOil.com	8			
Date: 3/22/2006	Phone: 713-296-2096	Conditions of Approval Atta	ched		







3.5'

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 68210

DISTRICT III 1000 Rio Brazos Rd., Aztec. NM 87410

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

06.11.0301

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Certificate No. GARY EIDSON

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bary

Jam 2/23/06

12641

220 S. ST. FRANCIS	DR., SANTA FE, Number	NM 87505	1			AGE DEDICATI			ED REPO
AP1	Number			Pool Code	L L	UILDCAT	SAN AND	RES	
Property	Code			********	Property Nam	1¢		Well Nun	aber
				McDo	nald State A	A/C 1-15		3	
OGRID N	o.			MADA	Operator Nam			Elevatio	
14021		1		MARA	THON OIL O	COMPANY		354.	3'
					Surface Loca	ation			
L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	22-S	36-E		1750	NORTH	2260	EAST	LEA
	L	1	Bottom	Hole Lo	cation If Diffe	rent From Sur	face	1	<u> </u>
L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
edicated Acres	Joint o	r Infill C	onsolidation	Code Or	der No.	I	L	L	I
40									
NO ALLO	WABLE W	TILL BE A	SSIGNED '	TO THIS	COMPLETION I	INTIL ALL INTER	FSTS HAVE DE	FN CONSOLIDA	TED
		OR A	NON-STAN	DARD UN	IT HAS BEEN	APPROVED BY	THE DIVISION	SER CORSOLIDA	1150
	Т			1					
	ł			1	1		OPERATO	OR CERTIFICAT	ION
							I bereby	certify that the info	ormation
	1				1		my knowledge	and complete to the and belief, and that ther owns a working	this
				1 00			or unleased mi	ineral interest in the proposed bottom hole	e land
	1			-175			or has a right	to drill this well at ant to a contract with	this
							owner of such	mineral or working by pooling agreemen	interest.
							compulsory poo by the division.	ling order heretofor	e entered
	1								
	1				7		Hink M	Kunk 3/5	2/04
	1			· 0-	22	60'	Signature	Dat	.e
			-		1		FRANK M	KRULH	
	1	C	GEODETIC C	OORDINAT	ES al		Printed Name	• ^	
			NAD 2	7 NME	1		Req. Co	mp. Rep. TI	
	1		Y== 508	/ 797.3 N /			SURVEYO	R CERTIFICATI	ION
				943.2 E	/ / 				
	1				ł		I bereby of shown on this	certify that the well plat was plotted from	location n field
			LAT.=32°23				notes of actual	surveys made by m vision, and that the	e or
	1	L	ONG.=103°	15 05.23"	W 1		true and correct	t to the best of my	belief.
	1				The second se				
	1						FEBRU	IARY 14, 2006	
							FEBRU Date Surveyed Signature & S Professional	Cammon.	DSR
					' I		Signature & S	Seal of	
							i i oressionar i	Surveyor	

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT □ AMENDED REPORT 1220 S. ST. FRANCIS DR., SANTA PE, NM 87505 API Number Pool Code Pool Name WILDCAT GRAVBURG **Property** Code Property Name Well Number McDonald State A/C 1-15 3 OGRID No. **Operator** Name Elevation MARATHON OIL COMPANY 14021 3543

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	22-S	36-E		1750	NORTH	2260	EAST	LEA

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
Dedicated Acres	Joint o	r Infill Co	onsolidation (Code Or	ier No.	I	L	L	
40									

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

OPERATOR CERTIFICATION	ON
I hereby certify that the inform herein is true and complete to the	best of
my knowledge and belief, and that to organization either owns a working in	nterest
or unleased mineral interest in the including the proposed bottom hole in thole in thole in the proposed bottom hole in the proposed bottom ho	ocation
or has a right to drill this well at the location pursuant to a contract with	an
owner of such mineral or working in or to a voluntary pooling agreement	OFA
compulsory pooling order heretofore by the division.	entered
Y I I A I A	
2260' Frank M Krigh 3/	22/06
Z200 Signature Date	
FRANK M KRUGH	
GEODETIC COORDINATES NAD 27 NME	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	N
X=833943.2 E I hereby certify that the well lo	
LAT. = 32°23'38.96" N shown on this plat was plotted from notes of actual surveys made by me	or
LONG. = 103'15'05.23" W under my supervision, and that the s true and correct to the best of my b	ame is elief.
FEBRUARY 14, 2006 Date Surveyed	
Jate Surveyea	DSR
Professional Surveyor	
ECT, MER TAN	
Bary & Elman 2/23,	106
06.11.0301	
Certificate No. GARY EIDSON	12641
White PROFESSION STATE	

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

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DISTRICT IV	DR., SANTA PE.	NM 87505	WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT	- AMEND	ED REPORT
r	Number			Pool Code		WILDCAT	Pool Name PADDOG/	. 1	
Property	Code			_	Property Nan			Well Nun	aber
				McDo	onald State			3	
OGRID N	0.			MARA	^{Operator Nam} THON OIL (Elevatio	
14021		1		MAIVA				354.	3
UL or lot No.	0	1			Surface Loca	·		T	¥
G G	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	15	22-S	36-E	l	1750	NORTH	2260	EAST	LEA
UL or lot No.	9 +		r	r	r	rent From Sur		•	
UL OF IOU NO.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	s Joint o	r Infill Co	nsolidation	Code Or	ier No.				l
40									
	WARLE W		SIGNED	TO THIS	COMPLETION I	NTIL ALL INTER			
		OR A N	ON-STAN	DARD UN	IT HAS BEEN	APPROVED BY 1	THE DIVISION	SEN CONSOLIDA	ATED
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					Ĩ		herein is true my knowledge	and complete to the and belief, and that	e best of this
	1						or unleased mi	ther owns a working ineral interest in the	e land
	1			-175			or has a right	proposed bottom hole to drill this well at ant to a contract wit	this
							owner of such	mineral or working ary pooling agreemen	interest,
ļ	I						compulsory poo by the division.	ling order heretofor	e entered
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	1					60'	Frank M	Krugh 3/	122/06
					1 22		Signature	U Dat	te
	1			/	1		FRANK 1	n KRUGH	
		GE		OORDINATI 7 NME	ES		Printed Name	A Res TT	r
	1			/	7		Not com	P. V. P. C	
			Y=5087 X=8339	97.3 N / 943.2 E	141			R CERTIFICAT	
					1		I bereby of shown on this p	certify that the well plat was plotted from	location
				3'38.96" N 15'05 23"			notes of actual under my super	surveys made by m vision, and that the	e or same is
		LU	100100	15'05.23"	** ·		true and correc	t to the best of my	belief.
	l				1		FEBRU	IARY 14, 2006	
			1				Date Surveyed	1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	DSR
							Signature & S Professional		
							E CAN	MEXT	
							hank	Que ala	2/01
			1		WWW		1 1000/120	6.11.0301	3/06
							205	- ; Gž	
			1				Certificate No.	GARY EDSON	12641
								ESSIONNE	
								WILluce	

Permit Conditions of Approval

Operator: MARATHON OIL CO, 14021 Well: MCDONALD STATE A/C 1-15 #003 API: 30-025-37763

OCD Reviewer	Condition				
pkautz Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.1 and the Pit and Below-Grade Tank Guidelines					
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114				