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

Santa Fe, NM 87505

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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 30-025-37764 6. Well No. 4. Property Code 5. Property Name 35507 MCDONALD STATE A/C 1-15 004 7. Surface Location UL - Lot E/W Line Section Township Lot Idn Feet From N/S Line Feet From Range County 15 22S 36E 2310 990 W LEA L L S

8. Pool Information

Wildcat San Andres Wildcat Grayburg

Wildcat Paddock

			Additional Well Informati	on	
9. Work Type New Well	10. Well Type OIL		11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3552
14. Multiple Y		osed Depth DOO	16. Formation Paddock	17. Contractor	18. Spud Date 6/20/2006
Depth to Ground water 60			Distance from nearest fresh water wel > 1000		Distance to nearest surface water > 1000
<u>it:</u> Liner: Synthetic 🗙 Closed Loop System		mils thick		illing Method: esh Water 🗙 Brine 🥅 I	Diesel/Oil-based 🗌 Gas/Air 🗍

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

	ropoord Dionout ri	erentati rogram	
Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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	OIL CONSERVATION DIVISION			
NMOCD guidelines \overline{X} , a general permit $\overline{\Box}$, or an (attached) alternative OCD approved plan $\overline{\Box}$.	Approved By: Paul Kautz			
Printed Name: Electronically filed by Charles Kendrix	Title: Geologist			
Title: Engineering Technician	Approved Date: 3/22/2006 Expiration Date: 3/22/2007			
Email Address: cekendrix@MarathonOil.com				
Date: 3/22/2006 Phone: 713-296-2096	Conditions of Approval Attached			







3.5'

DIS	TF	RICT	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

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

DISTRICT IV 1220 S. ST. FRANCIS I		NM 87505	WELL LO	CATIO	N AND ACRE.	AGE DEDICATI	ON PLAT	- AMEND	ED REPORT
	Number	NH 67303	T	Pool Code	e		Pool Name		
						WILDLA	T SAN	ANDRES	
Property (Code				Property Naz	ne	<u></u>	Well Nun	nber
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0GRID NO 14021				MAI	Operator Nar RATHON OIL			Elevation 3552	
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		OR A	NON-STAN	DARD I	UNIT HAS BEEN	APPROVED BY	THE DIVISION		
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	l						or has a right	proposed bottom hole to drill this well at ant to a contract wi	this
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DISTRICT I 1625 N. FRENCH DR.,	HOBBS, NM 84	8240		Energy,	Minerals an	nd Natural	Resources Department		_	
DISTRICT II 1301 W. GRAND AVENU		Form C-102 Revised October 12, 2005 Submit to Appropriate District Office 1220 SOUTH ST. FRANCIS DR. State Lease - 4 Copies Fee Lease - 3 Copies								
DISTRICT III 1000 Rio Brazos	Rd., Aztec, N	M 87410		Santa	Fe, N	lew M	exico 87505		ree Leas	e – 5 Copies
DISTRICT IV		NM 87505	WELL LO	CATION	AND	ACREA	AGE DEDICATI	ON PLAT		ED REPORT
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							WILDCAT	GRAYB	u.R/~	
Property	Property Code Property Name McDonald State A/C 1-15							<u> </u>	Well Num	aber
OGRID No. Operator Name							Elevatio 3552	_		
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								or has a right	roposed bottom hole to drill this well at	this
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								Certificate No.	GARY EIDSON	12641
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					State	of Ne	w Mexico				
DISTRICT I 1625 N. PRENCH DR.,	HOBBS, NM 84	3240		Energy	, Minerals ar	od Natural	Resources Department				
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DISTRICT IV 1220 S. ST. FRANCIS I	OR., SANTA FE,	NM 87505	WELL LO	CATION	N AND	ACREA	GE DEDICATI	ON PLAT	AMEND	ED REPORT	
API	Number			Pool Code				Pool Name			
Property	Code				Proj	perty Nam		T PADD	OC K Well Nun	aber	
OGRID N	~			McDo		tate A	<u>/C 1-15</u>		4		
14021	/			MAR			COMPANY		Elevatio 3552		
		-			Surfa	ce Loca	ation				
UL or lot No.	Section 15	Township 22-S	Range 36–E	Lot Idn	Feet fr 23	om the	North/South line SOUTH	Feet from the	East/West line	County	
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Dedicated Acres	Joint o	r Infill Co	nsolidation (Code 0	rder No.						
	WABLE W	ILL BE AS	SSIGNED 1	TO THIS	COMPLE	TION U	NTIL ALL INTER	FSTS HAVE BE	FN CONSOLID		
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	2310		 					Date Surveyed Signature & S Professional S Bowy 5	ARY 14, 2006 Seal of Surveyor ECn 2/23, 6.11,0302	DSR /06	
								Certificate No.	ESSION	12641	

Permit Conditions of Approval

Operator: MARATHON OIL CO, 14021 Well: MCDONALD STATE A/C 1-15 #004 API: 30-025-37764

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines