

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address MARATHON OIL CO PO Box 552 Midland, TX 79701		2. OGRID Number 14021
		3. API Number 30-025-37510
4. Property Code 6376	5. Property Name EDITH BUTLER A	6. Well No. 002

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	18	22S	38E	L	1980	S	500	W	LEA

**8. Pool Information**

BRUNSON,SAN ANDRES, EAST PADDOCK	8050 49210
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3337
14. Multiple Y	15. Proposed Depth 6000	16. Formation Paddock	17. Contractor	18. Spud Date 11/1/2005
Depth to Ground water 120		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
<b>Pit:</b> Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 2000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**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**

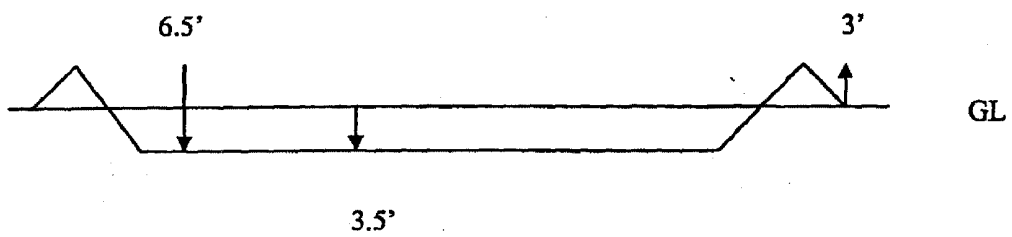
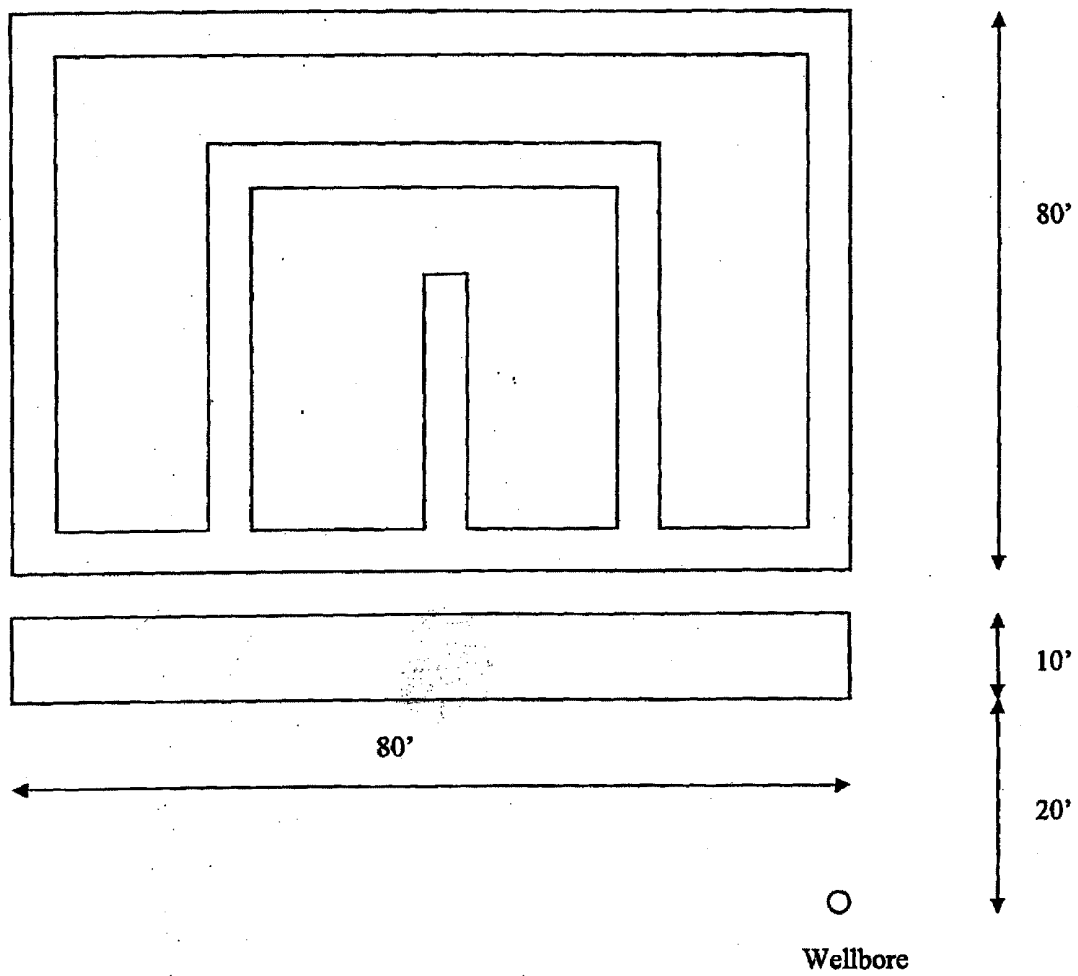
Surface cement- 750 sks. Class C w/ 2% CACL, 1.34 yield, 14.8 ppg. wt.. Cement production casing- Lead- 900 sks., Interfill C, yield 2.52, 11.8 ppg. wt. Tail- 300 sks. Class H w/ Thirotropic & gilsonite, 1.31 yield, 14.2 ppg. wt.

**Proposed Blowout Prevention Program**

Type	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 NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/14/2005	Expiration Date: 10/14/2006
	Conditions of Approval Attached	

Printed Name: Electronically filed by Charles Kendrix  
 Title: Engineering Technician  
 Email Address: cekendrix@MarathonOil.com  
 Date: 10/13/2005 Phone: 713-296-2096



## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code <b>96077</b>	Pool Name <b>WILDCAT, SAN ANDRES</b>
Property Code <b>6376</b>	Property Name <b>BUTLER A</b>	Well Number <b>2</b>
OGRID No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>	Elevation <b>3337'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	18	22-S	38-E		1980	SOUTH	500	WEST	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 or Infill	Consolidation Code	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Frank M Krugh</i> Signature <b>FRANK M KRUGH</b> Printed Name <b>10/13/05</b> Title <b>Reg Comp. Rep. III</b> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>SEPTEMBER 9, 2005</b> Date Surveyed Signature & Seal of <b>GARY EDISON</b> Professional Surveyor  Certificate No. <b>GARY EDISON</b> 12641

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Revised JUNE 10, 2003

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 49210	Pool Name Paddock
Property Code 6376	Property Name BUTLER A	Well Number 2
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3337'

## Surface Location

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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# Permit Conditions of Approval

Operator: MARATHON OIL CO , 14021

Well: EDITH BUTLER A #002

API: 30-025-37510

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
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114