

**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 30-025-37555
4. Property Code 6424	5. Property Name WALTER LYNCH	6. Well No. 011

**7. Surface Location**

UL - Lot E	Section 1	Township 22S	Range 37E	Lot Idn E	Feet From 1980	N/S Line N	Feet From 810	E/W Line W	County LEA
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**8. Pool Information**

PENROSE SKELLY;GRAYBURG	50350
EUNICE;SAN ANDRES, SOUTH	24170

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3356
14. Multiple Y	15. Proposed Depth 5000	16. Formation San Andres	17. Contractor	18. Spud Date 12/1/2005
Depth to Ground water 60		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: 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	400	250	0
Prod	7.875	5.5	15.5	5000	1100	0

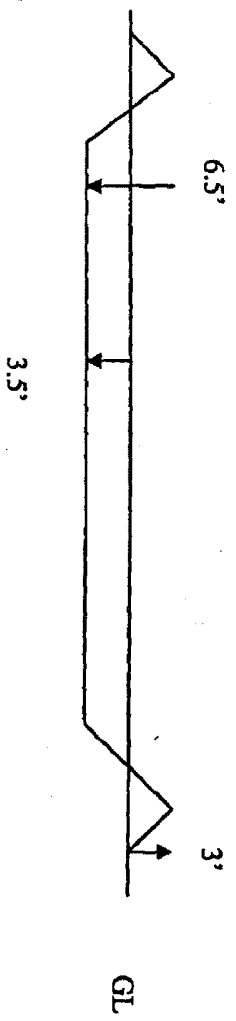
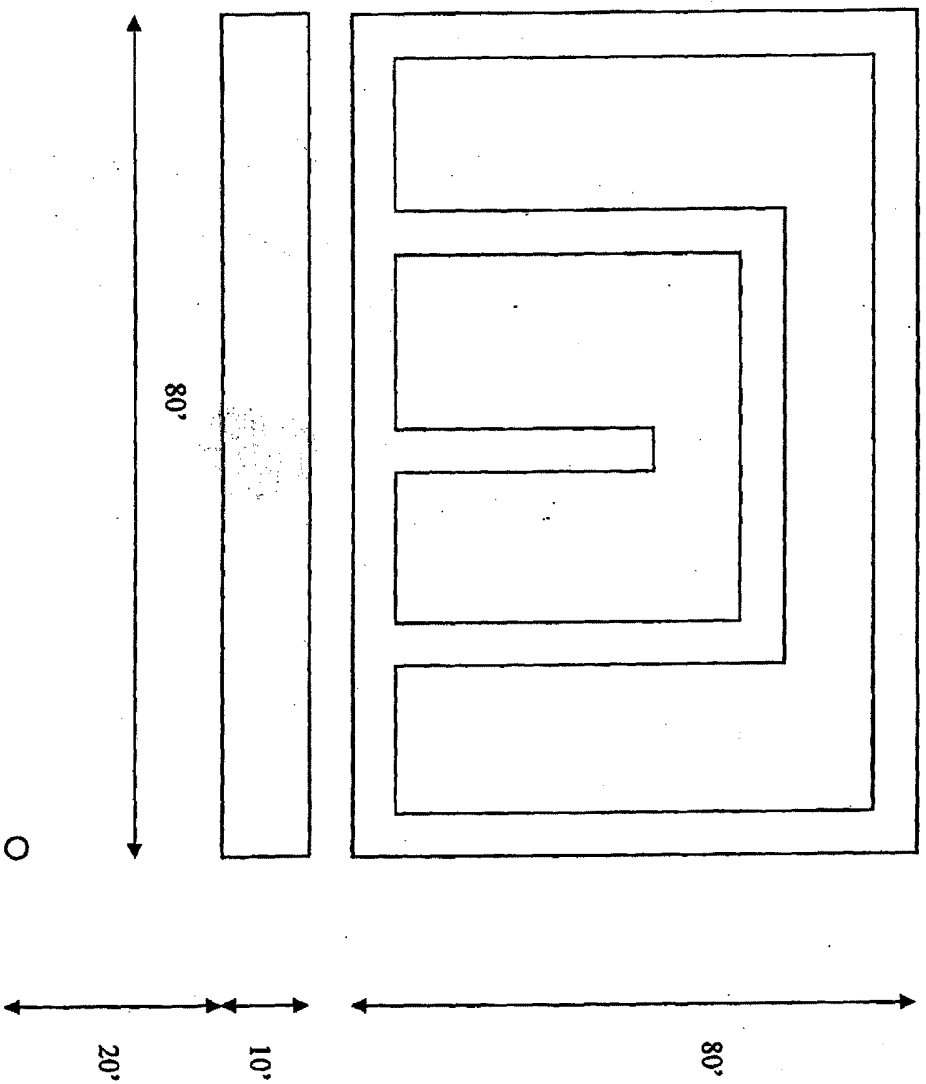
**Casing/Cement Program: Additional Comments**

Surface cement- 250 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- 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	
Printed Name: Electronically filed by Charles Kendrix	Title: Geologist	
Title: Engineering Technician	Approved Date: 11/16/2005	Expiration Date: 11/16/2006
Email Address: cekendrix@MarathonOil.com		
Date: 11/15/2005	Phone: 713-296-2096	Conditions of Approval Attached



State of New Mexico  
Energy, Minerals and Natural Resources Department

Revised JUNE 10, 2003

Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies

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

Revised JUNE 10, 2003  
Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	50350	PENROSE SKELLY; GRAYBURG
6424	WALTER	LYNCH
OGARD No.	Operator Name	Well Number
14021	MARATHON OIL COMPANY	11
		Elevation 3356'

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet from the East/West line	County
E	1	22-S	37-E		1980	810	WEST LEA

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.			

LOT 4	LOT 3	LOT 2	LOT 1
39.77 AC 1980' 810' #8	39.84 AC GEODETIC COORDINATES NAD 27 NME Y=519567.5 N X=873745.1 E LAT.=32°25'21.29" N LONG.=103°07'19.68" W	39.90 AC	39.97 AC

**OPERATOR CERTIFICATION**

I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Frank M. Kuehl

Printed Name: FRANK M. KUEHL

Title: REG. CIVIL ENG. REP. III

Date: 11/15/05

**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.

SEPTEMBER 12, 2005

Date Surveyed: EDISON LA

Signature & Seal of Professional Surveyor: [Signature]

05-11-1317-1

Certificate No.: GARY RUSSEN 12641

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II  
1301 W. GRAND AVENUE, ARTISIA, NM 88210

Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	84170	EUBANK'S SAND ANDRES, SOUTH
Property Code	Property Name	Well Number
6424	WALTER LYNCH	11
OGRID No.	Operator Name	Elevation
14021	MARATHON OIL COMPANY	3356'

Surface location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	22-S	37-E		1980	NORTH	810	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

LOT 4	LOT 3	LOT 2	LOT 1
39.77 AC	39.84 AC	39.90 AC	39.97 AC
GEODETIC COORDINATES NAD 27 NME Y=519567.5 N X=873745.1 E LAT.=32°25'21.29" N LONG.=103°07'19.68" W			
810'			
#8			
OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Frank M. Krauth</u> Printed Name <u>FRANK M. KRAUTH</u> Title <u>REG. COMP. REP. III</u> Date <u>11/15/05</u>			
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 Surveyed <u>SEPTEMBER 12, 2005</u> Signature & Seal of Professional Surveyor GARY EUBANK GARY EUBANK 05.11/1317 Certificate No. GARY EUBANK 12641			

# Permit Conditions of Approval

Operator: MARATHON OIL CO , 14021

Well: WALTER LYNCH #011

API: 30-025-37555

OCD Reviewer	Condition
DMULL	Will require DHC administrative order for downhole commingling before multiple zones can be produced by commingling in the wellbore.
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