

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
		³ API Number 30- 25-37533
⁴ Property Code 6454	⁵ Property Name Mark Owen	⁶ Well No. 10
⁹ Proposed Pool 1 Penrose Skelly Grayburg		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. M	Section 35	Township 21S	Range 37E	Lot. Idn	Feet from the 510	North/South Line South	Feet from the 660'	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	----------	----------------------	---------------------------	-----------------------	------------------------	---------------

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
---------------	---------	----------	-------	----------	---------------	------------------	---------------	----------------	--------

Additional Well Location

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3376'
¹⁶ Multiple N	¹⁷ Proposed Depth	¹⁸ Formation Grayburg	¹⁹ Contractor	²⁰ Spud Date 10/18/06
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
12 1/4"	8 5/8"	24#	424'	280
7 7/8"	5 1/2"	15.5#	4638'	1200

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 production zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Marathon Oil Company is plugging back the san andres formation in the Mark Owen No. 10 and recompleting the well to the Penrose Skelly Grayburg. A C-102 is on file with the NMOCD and scanned to the NMOCD website for the Penrose Skelly Grayburg pool.

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway**

Plugback

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: 11/16/2006

Phone: 713-296-2096

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title:

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date:

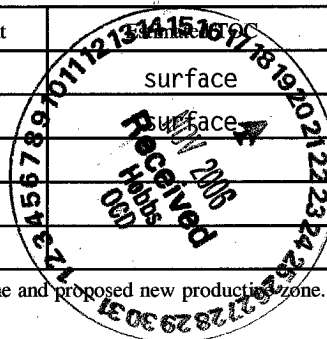
NOV 21 2006

Expiration Date:

Conditions of Approval:

Attached ☒

no pit information. Must be sent to NMOCD before recompleting



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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86216

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
		50350	PENROSE SKELLY; GRAYBURG
Property Code	Property Name		Well Number
6454	MARK OWEN		10
GRID No.	Operator Name		Elevation
14021	MARATHON OIL COMPANY		3376'

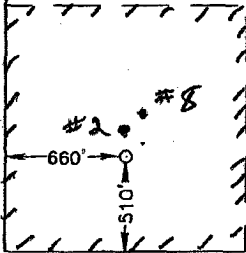
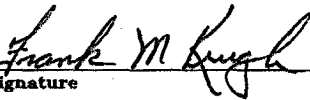

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	21-S	37-E		510	SOUTH	660	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

	GEODETIC COORDINATES NAD 27 NME Y=521985.0 N X=868295.3 E LAT.=32°25'45.82" N LONG.=103°08'22.94" W	
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature FRANK M. KRUGH Printed Name Reg. Comp. Rep. III Title 10/31/05 Date		
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. OCTOBER 20, 2005 Date Surveyed  Signature Professional Surveyor RONALD J. EIDSON 05-11-1646 Certificate No. 3239		