# State of New Mexico

Form C-101 Permit 19830

# **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

	in the control of the								
1.	1. Operator Name and Address								
I	14021								
	PO Box 552 Midland , TX 79701								
4. Property Code	5. Property Name	6. Well No.							
6428	MARSHALL B	013							

## 7. Surface Location

3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	N	27	21S	37E	N	990	S	1980	W	LEA

#### 8. Pool Information

VI A VVA ALEVANIEVECT	
PENROSE SKELLY;GRAYBURG	50350
HARE:SAN ANDRES (GAS)	78080

#### **Additional Well Information**

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9. Work Type New Well	10. Well OII	33450	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3413
14. Multiple Y	15. Propos 500	300 To 100 To	16. Formation San Andres	17. Contractor	18. Spud Date 12/27/2005
Depth to Ground 76	water		Distance from nearest fresh water > 1000	well	Distance to nearest surface water > 1000
Liner: Synthetic D	_	mils thick (	clay Pit Volume: 2000 bbls	Drilling Method: Fresh Water X Brine I	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	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

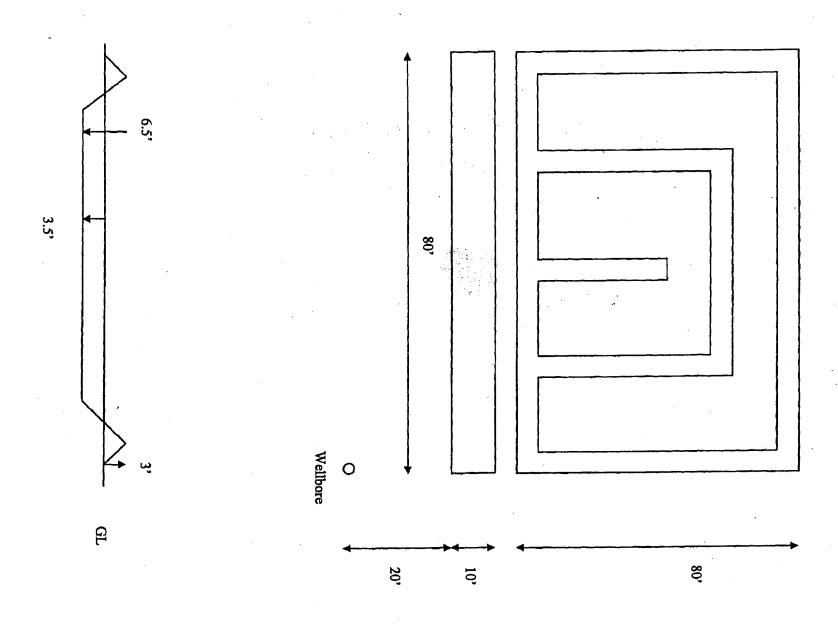
## Casing/Cement Program: Additional Comments

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

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

of my knowledge and belief. I furth	given above is true and complete to the best er certify that the drilling pit will be	OIL CONSERVATION DIVISION		
constructed according to NMOCD an (attached) alternative OCD-app	guidelines 🔀, a general permit 🗀, or troved plan 🗀	Approved By: Paul Kautz		
Printed Name: Electronically t	iled by Charles Kendrix	Title: Geologist		
Title: Engineering Technician		Approved Date: 12/14/2005	Expiration Date: 12/14/2006	
Email Address: cekendrix@M	arathonOil.com	(285.6)	100 No.	
Date: 12/13/2005	Phone: 713-296-2096	Conditions of Approval Attac	hed	



#### State of New Mexico

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

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

# 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

Certificate No. GARY FIDSON

12641

DISTRICT IV	ir., santa fe,	NM 87505	WELL LO	CATION	AND A	ACREA	GE DEDICATI	ON PLAT	□ AMENDI	ED REPORT
API	Number		1	Pool Code		<i>N</i> -	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Pool Name	AURIDA	
Property (	Toda .	1	503	15 D	Prope	PE/ erty Nam	n Rose SK	ELLY; GR	AY BURG	ber
00642	_				_	HALL			13	
OGRID No. Operator Name								Elevatio	_	
14021				MARA	THON	OIL (	COMPANY		3413	<u> </u>
					Surfac	e Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
N	27	21-S	37-E		99	<del>)</del> 0	SOUTH	1980	WEST	LEA
			Bottom	Hole Loc	cation I	f Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infili Co	onsolidation (	Code Or	der No.					
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	1			27700.4   64270.9				correct to th	e best of my belie	f.
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DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, New Mexico 87505

DISTRICT IV 1220 S. ST. PRANCIS DR., SANTA FR, NM 87505	WELL LOCATION AND	ACREAGE DEDICATION	N PLAT	□ AMENDED REPORT			
API Number	Pool Code		Pool Name	_			
	78080	HARE: SAN	ANDRES	(GAS)			
Property Code	Pro	perty Name		Well Number			
006428	MAR	MARSHALL B					
OGRID No.		rator Name		Elevation			
14021	MARATHON	OIL COMPANY		3413'			

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	27	21-S	37-E		990	SOUTH	1980	WEST	LEA

# Bottom Hole Location If Different From Surface

ſ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Ì	Dedicated Acres	Joint o	r Infill Con	nsolidation (	Code Oro	ier No.				

#### NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED STANDARD UNIT HAS REEN APPROVED BY THE DIVISION

UKAN	UN-STANDARD UNIT HAS BEEN	ATTROVED BY THE	DIVIDION
			OPERATOR CERTIFICATION  I hereby certify the the information intained herein is true and complete to the lest of my knowledge and belief.
			Frank M. Krugh FRANK M. KRUGH
			Reg. Comp. REP. III Title December 13, 2005  Date
	GEODETIC COORDINATES NAD 27 NME	o a	SURVEYOR CERTIFICATION  hereby certify that the well location shown n this plat was plotted from field notes of ctual surveys made by me or under my
	Y=527700.4 N X=864270.9 E LAT.=32°26'42.81" N LONG.=103°09'09.14" W		september 8, 2005
	8' FS		San A Talmos 3/20/05
	* 8*1		Certificate No. CARY EDSON 12841

# Permit Conditions of Approval

Operator: MARATHON OIL CO , 14021 Well: MARSHALL B #013

API: 30-025-37592

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
DMULL	Will require DHC administrative order for Downhole commingling before multiple zones can be produced by commingling in the wellbore.