Houston Division Production Operations, U.S. & Canada



P.O. Box 2409 Hobbs, New Mexico 88240 Telephone 505/393-7106

December 1, 1977

ور ا

New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

ATTENTION: Mr. J. D. Ramey, Secretary-Director

Re: Application for Authority to Dually Complete Marathon Oil Company's W. S. Marshall "B" Well No. 3, 1980' FSL & 1980' FWL, Unit K, Section 27, Township 21-South, Range 37-East, Lea County, New Mexico

Gentlemen:

Marathon Oil Company respectfully requests administrative approval for the dual completion of W. S. Marshall "B" No. 3 for production of gas from the Tubb Gas Pool and production of gas from the Drinkard Gas Pool. Attached are the New Mexico Oil Conservation Commission Form C-107, Application for Multiple Completion, fully executed, together with a diagrammatic sketch of the multiple completion and a plat with the location of all wells on Marathon Oil Company's lease and all offset wells, along with other supporting data required by Commission rules.

Marathon proposes to install a single packer at 6285' segregating the Tubb zone from the Drinkard zone. The Tubb zone will be produced flowing up the annulus and the Drinkard will be flowed up a string of 2 3/8" tubing hung at 6291'. It is Marathon's opinion that the multiple completion of the W. S. Marshall "B" No. 3, herein described, will effectively prevent communication between the two zones and that the approval of this dual completion will not cause waste and will not infringe upon the correlative rights of any other operator in either of the pools.

A copy of the application, along with attachments listed on New Mexico Oil Conservation Commission Form C-107, Items 4(A), (B), and (C) have been furnished to all interested parties known to Marathon Oil Company.

Respectfully submitted,

N. R. Kovacerie

Anthony R. Kovacevich Production Engineer

ARK:mfm Enclosures

xc: NMOCC-District I Offset Operators

Houston Elivis .... Production Operations, U.S. & Canada



P.O. Box 2409 Hobbs, New Mexico 88240 Telephone 505/393-7106

December 1, 1977

TO: OFFSET OPERATORS

Re: Marathon Oil Company's Application for Dual Completion of W. S. Marshall "B" Well No. 3, 1980' FSL & 1980' FWL, Unit K, Section 27, Township 21-South, Range 37-East, Lea County, New Mexico

Gentlemen:

Enclosed is New Mexico Oil Conservation Commission Form C-107, complete with least plat, completion diagram, and offset operators' waivers. It would be appreciated if you would handle this matter at your earliest convenience.

Very truly yours,

A.R. Lovacence

Anthony R. Kovacevich Production Engineer

ARK:mfm Enclosures December 1, 1977

TO WHOM IT MAY CONCERN:

Re: Application for Dual Completion of Marathon Oil Company's W. S. Marshall "B" Well No. 3, 1980' FSL & 1980' FWL, Unit K, Section 27, Township 21-South, Range 37-East, Lea County, New Mexico

This is to acknowledge that the undersigned waives objection to the dual completion as proposed by Marathon Oil Company of the above-referenced well.

Company

Company Representative

Title

## NEW MEXICO OIL CONSERVATION COMMISSIO SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

ł

Form C-107 5-1-61

Operator		County	Date
•			
Marathon Oil Company		Lea	December 1, 1977 Well No.
P. O. Box 2409, Hobbs, New	Morriss 002/0		
		W. S. Marshall "B"	Range
of Well K	27	21-South	37-East
1. Has the New Mexico Oil Conservation	Commission heretofor	e authorized the multiple completion	of a well in these same pools or in the same
zones within one mile of the subject v		NO	-
2. If answer is yes, identify one such in:	stance: Order No. DO	C-12 ; Operator Lease, a	and Well No.: Marathon Oil Company
W. S. Marshall "B" Well No	. 2		
3. The following facts are submitted:	3. The following facts are submitted: Upper		Lanos
-	Zone	Intermediate Zone	Zone
a. Name of Pool and Formation	Tubb Gas		······································
b. Top and Bottom of	1000 003		Drinkard
Pay Section	5957 <b>-</b> 6195'		
(Perforations)	5551-0195		6352-6471'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production			
(Flowing or Artificial Lift)	Flowing		Flowing
4. The following are attached. (Please cl	neck YES or NO)	l	
<ul> <li>izers and/or turbolizer diameters and setting of diameters and setting of operators of all leas</li> <li>X</li> <li>b. Plat showing the locat of operators of all leas</li> <li>X</li> <li>c. Waivers consenting to tors have been furnish</li> <li>X</li> <li>d. Electrical log of the w dicated thereon. (If such thereon. (If such thereon. (If such thereon. Company, 1700 W. Bronestand Company, 1700 W. Bronestand Company, 1700 W. Bronestand Continental Oil Company, Bronestand Oil Company, Box 633</li> </ul>	s and location thereof, depth, location and typ ion of all wells on app es offsetting applicant such multiple complet ed copies of the appli well or other acceptable th log is not available on which this well is lo adway, Andrews, -US, Box 670, He ox 460, Hobbs, 1 , Midland, Texas	quantities used and top of cement, p e of packers and side door chokes, and olicant's lease, all offset wells on o 's lease. ion from each offset operator, or in li- cation.* e log with tops and bottoms of produ at the time application is filed it sha ocated together with their correct mail Texas 79714 obbs, New Mexico 88240 New Mexico 88240 s 79701	uding diameters and setting depths, central- berforated intervals, tubing strings, including such other information as may be pertinent. offset leases, and the names and addresses ieu thereof, evidence that said offset opera- ucing zones and intervals of perforation in- all be submitted as provided by Rule 112-A.) ling address.
	ve notified and furnish		X NO
date of such notification <u>Decem</u>	per 1, 1977	·•	
CERTIFICATE: I, the undersigned, su (con under my supervision and direction and the	npany), and that I am a	authorized by said company to make t	the <u>Marathon Oil Company</u> his report; and that this report was prepared the best of my knowledge.
		A.R. Kovacen	Simplure

•Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twentyday period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protation unit in <u>One or/more of</u> the producing renew then superconduction for approximation for approximation conduction and/or a non-standard protation.



ARK:mfm

and the second	المحاصر والمحاصر والمحاصر والمحاصر والمحاصر والمحاصر والمحاصر والمحاصر والمحاص والمحاص والمحاص والمحاص والمحاص		1 (J. 12)
19 19 15 15 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	Ameroda TALL Ameroda Base Ameroda TALL Ameroda	Amen is Morathon Guil 4 Amen is Shell C at Guol C Coul 4 Shell C at Guol C Coul 4 Shell C at Guol C Coul 4	•3 (math 1/5. • ) mura Carns
Pacific Complement and an ostant ostant ostant service and a service and	•'	Fiog-R Fiog-R	Continents viol 0 03045 • 05045 • 0005 • 00
10	Hunt int Pet. Sun Jacq Bud Ard	Shell S Br Gulf Cetty A.R.Ca. Missi A. 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ulf _3 Conti ₩ H.B 0320:
The second secon		Auss August Augu	Juney Stephens J.M. Owi
In 15 11 2 AMA 2 A LA SA 1 A			сон 1 Францария Марина Марина Марина Сон 11 Марина Мар
And Contract of Co	hunt et a monde of gette and		illeser: Astrony Data U.S.,
المعنية ( المعنية ( المعنية المعنية ( الم المعنية ( المعنية ( الم المعنية ( المعنية ( ا المعنية ( المعنية ( المعن المعنية ( المعنية ( ا	13 c	Gitty 5 5000 100	
Mobil / ////	Buog as 44:12	022033 (Allignet 5 (active of Operation 0 (active of	
210 310	28 28 28 28 28 28 28 28 28 28 28 28 28 2	3 Smell Perfe Luar Star Surgering 3 9 27 A Ricar Gurt 20 Ter.Pagric 3 9 27 Star Star Star Star Star Star Star Star	( ARCo.DIRI maArer Tex. Posifie
A JAdoba A JAdoba A JAdoba A Jacoba A Jaco		ARCa ARCa ARCa	Darsen Darsen Lieuwer
	Mond 1 5 1271	A S Varshori P 4 A mordisation of the Each S Due to State Cont (Cont)	V. Inte In Carping
CENTRAG	INXARD IN I LONG	The second secon	Amoco C i 3
713 20 71 210 210 230 733 733 733 733 733 733 733 733 733 7			11
Since Danaldoli Sick		Amoto Last Marothan Stresser te	A.R.Ca.
* if incomm Sonia 21,40 - 1,21 - 1,200	C.MOTE 22 222		Getty and State
			2.07 (DOI 5) 7 5-
Guif A & Downessi & Sources to Son Tree		Amoro Elipsiani Tanisi A sud her Esson origin	Marathan #
H 2 grand cl character cha	(TA) (100) d . 41(3 (0.4)) 713	and a second sec	Linch Don Alice Pe
reg 2 19 3 128 μ28 μ27. 2012 15 15 2 1 19 5 Duel 128 μ28 μ27. 2012 15 3 μ2 10 μ2	(2-3) ARC3		Lyarh Charles I.V.
220 234 1 12 3 500 1 10 100 1 1 100 1 10 1 10 100 1 1		Anoverse such neroria	S S
Hends I & Eant and McCus- Feadco W 6.Yaroarau	الآيك مماويك أشرا		191 Par 1912 Califier Dazies
With a star Triple Amoco	Trian 201300 Trian 201300 Some Nata 31 Cong Nata 31 Co	Mobil Gulf Anadarka Anadarka 10.53	Strong to the second se
Ellion faiby		2 - 173 R [ B- Unser Will Construct to Kender to So Kender to Construct to Construc	Aler A
Tex. Dacific 4 Triple 033706 Sohie 5 Triple 033706 5 Triple 035706 5	SO PENROSE SKEL		00 Stal 0
Sohie S			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tet Pacific Lisape Tet Santo entre			Sono hergris. • 3 Hergris. • 5 Control • 1 Ex • 1
C-356y 201 B-714 (1)oft)	HIZ GUIF CH B Guif 1955		121 - 31. L 
· ·	•	37F	

R-37E

## MARATHON OIL COMPANY APPLICATION FOR DUAL COMPLETION W. S. MARSHALL "B" NO. 3 1980' FWL & 1980' FSL, SEC. 27, T-21S, R-37E SUBJECT WELL