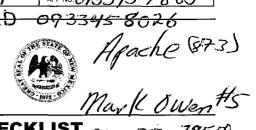
·'		
DATE IN // /30/01 SUSPENSE	ENGINEER RUMKS LOGGED IN 1//30	TYPE N.SP APP NO. 093345 7865
		(D-0027#10-002/

ABOVE THIS LINE FOR DIVISION USE ONLY

### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



——	HIS CHECKLIST IS M.	ADDITION FOR ALL ADMINISTRATIVE APPLICATION	S FOR EXCEPTIONS TO DIVISION	35 050 100
Annli	cation Acronym	WHICH REQUIRE PROCESSING AT THE D	IVISION LEVEL IN SANTA FE	
-Appir	[NSL-Non-Sta [DHC-Dow [PC-Po	ndard Location] [NSP-Non-Standard Pror nhole Commingling] [CTB-Lease Comm ol Commingling] [OLS - Off-Lease Stora	ingling] [PLC-Pool/Lease nge] [OLM-Off-Lease Me ssure Maintenance Expan ection Pressure Increase]	e Commingling] asurement] sion]
[1]	TYPE OF AI [A]	PPLICATION - Check Those Which Apply Location - Spacing Unit - Simultaneous I  ■ NSL ■ NSP ■ SD		RECEIVE
	Check [B]	Come Only for [B] or [C]  Commingling - Storage - Measurement  DHC CTB PLC	PC  OLS  OLM	
	[C]	Injection - Disposal - Pressure Increase - WFX PMX SWD	Enhanced Oil Recovery IPI	Cri r
	[D]	Other: Specify		
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those Wh  Working, Royalty or Overriding Roy		
	[B]	☐ Offset Operators, Leaseholders or Su	ırface Owner	R-8170
	[C]	☐ Application is One Which Requires	Published Legal Notice	
	[D]	Notification and/or Concurrent Appr U.S. Bureau of Land Management - Commissioner of Pu	oval by BLM or SLO	
	[E]	For all of the above, Proof of Notific	eation or Publication is Atta	iched, and/or,
	[F]	☐ Waivers are Attached		
[3]		CURATE AND COMPLETE INFORMATION INDICATED ABOVE.	ATION REQUIRED TO I	PROCESS THE TYPE
	val is <b>accurate</b> a	TION: I hereby certify that the information and complete to the best of my knowledge. equired information and notifications are subsequired.	I also understand that no a	
	Note:	Statement must be completed by an individual with	th managerial and/or superviso	ry capacity.
Mich	elle Hanson	While Haur	Landman	11/25/09
Print o	or Type Name	Signature	Title	Date
			Michelle.hanson@apa	checorp.com



Central Region Land Department (918) 491-4900 (918) 491-4854 (FAX)

November 25, 2009

Mark E. Fesmire, P. E.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE:

**AMENDMENT** 

Dear Mr. Fesmire,

Apache Corporation respectfully requests administrative approval for a non-standard 120 acre gas well unit and simultaneous dedication in the Blinebry Oil and Gas Pool. The following wells, located in the SW¼ of Section 35, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico (applicant's Mark Owen Lease), are involved in this application:

Mark Owen #2, located 660 feet FSL and 660 feet FWL Mark Owen #3, located 660 feet FSL and 1980 feet FWL Mark Owen #4, located 1980 feet FSL and 1980 feet FWL

A plat of the Mark Owen Lease, identifying the wells involved in this application, is attached as Exhibit A.

The above wells produce from the Blinebry and Tubb formations, among other formations. Under Division Order No. R-8170, as amended, spacing in both the Blinebry Oil and Gas Pool and Tubb Oil and Gas Pool is 160 acres for gas wells, and 40 acres for oil wells. The rules provide for non-standard gas well units of less than 160 acres. A gas well in each pool is defined as a well producing at a GOR of 50,000:1 or greater. Acreage dedicated to a gas well shall not be simultaneously dedicated to an oil well. Under Division Order No. R-2000409-D, simultaneous dedication was approved for the Mark Owen Lease for the Tubb Oil and Gas (Pro Gas) Pool.

The wells involved in this application, the quarter-quarter sections in which the wells are located, their acreage dedications and current gas/oil status and their approximate YTD GOR's in the Blinebry formation, are as follows:

	Mark Owen 2	Mark Owen 3	Mark Owen 4
	(SW4SW4) M	(SE¼SW¼) N	(NE¼SW¼) <b>├</b>
Blinebry	160 acres (gas)	160 acres (gas)	160 acres (gas)
	94,000	182,500	36,000
			and the same of th

Blinelry

Applicant requests that Well No. 4 be classified as an oil well requiring a 40 acre unit being the NE½SW½ of Section 35 leaving a non-standard 120 acre gas spacing unit, covering the W½SW¾ and SE½SW¾ of Section 35, to be dedicated to Well Nos. 2 and 3. This will eliminate overlapping well units for oil and gas wells. If granted, the following well units will be in effect:

Mark Owen 2 M Mark Owen 3 M Mark Owen 4 K (SW\(\frac{\sum \text{SW\(\frac{\su}{\sum}\text{W\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\frac{\su}{\su}\text{SW\(\su}\text

Further, Applicant plans to drill and complete the Mark Owen Well No. 5, located at an unorthodox location, being 1355' FSL and 1355' WL of Section 35, in the Blinebry, Tubb, Drinkard, Abo and Granite Wash formations. This location is being requested due to drainage considerations. A request for approval of said unorthodox location is being submitted under separate cover.

As a result of the foregoing, Applicant requests approval to simultaneously dedicate <u>Tubb production</u> from the newly proposed Well No. 5 and existing <u>Well Nos. 1, 3 and 8 to the 160 acre gas spacing and proration unit that is currenly in place for the Mark Owen Lease comprising the SW½ Section 35. Attached, as **Exhibit B**, is Form C-102 covering the Tubb Oil and Gas (Pro Gas) Pool, the wells currently producing from said Pool and the location of the newly proposed Well No. 5.</u>

Notice was given to the operators of all quarter sections offsetting the SW¼ of Section 35 by the letter attached as **Exhibit C**.

Interest ownership within the SW¼ of Section 35 is common, so no one in the quarter section has been notified of this application.

Please call me if you need any further information on this matter.

Sincerely,

**APACHE CORPORATION** 

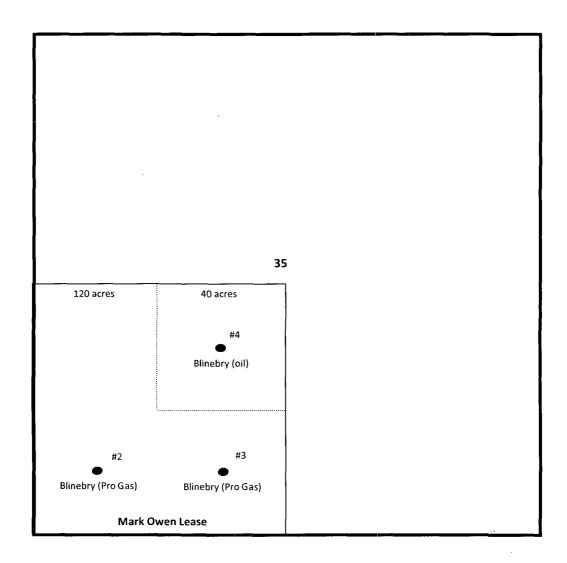
Michelle Hanson

Landman

(918) 491-4838 direct

(918) 491-4854 fax

Michelle.hanson@apachecorp.com



# Cache

### EXHIBIT A

Mark Owen Lease
No. 2 and No. 3
Non-Standard Proration Unit
and Simulaneous Dedication
Blinebry Oil & Gas Pool
Section 35-T21S-R37E
Lea County, New Mexico
Scale: 1" = 1000'

#### EXHIBIT B

<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Rd., Aztec, NM 87410

District IV

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102 Revised October 15,2009 Submit one copy to appropriate District Office

☐ AMENDED REPORT

### 1220 S. St. Francis Dr., Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	Code 3 Pool Name							
30-	-025-395	58		86440	Tubb Oil and Gas (Pro Gas)					
4 Property (	<sup>4</sup> Property Code				<sup>5</sup> Property Name				<sup>6</sup> Well Number	
30660	7				Mark Owen				005	
OGRID 1	No.				8 Operator	Name	<del>.</del>		<sup>9</sup> Elevation	
873					Apache Corporation				3377	
					<sup>10</sup> 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	35	21S	37E	'	1460	S	1510	W	Lea	
		L	-11 Bo	ottom Ho	le Location I	f Different Froi	m Surface		<u></u>	
UL or lot no.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
$\mathbf{L}$ .	35	21S	37E	'	1355	s	1355	W	Lea	
2 Dedicated Acr	icated Acres   13 Joint or Infill   14 Consolidation Code		L	L	15 Order No.	<del></del>				
160		1								

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.

	17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
	Signature Date  Michelle Hanson Printed Name
#1 Surface #5.	18SURVEYOR 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.
Bottom Hole 13552: #8 #3	 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

#### EXHIBIT C



6120 S. YALE / SUITE 1500 / TULSA, OKLAHOMA 74136

November 25, 2009

Central Region Land Department (918) 491-4900 (918) 491-4854 (FAX)

#### **OFFSET OPERATORS**

(see attached list)

RE:

**AMENDMENT** 

Administrative approval for Non-Standard Gas Spacing Unit and Simultaneous Dedication Blinebry Oil & Gas (Pro Gas) Pool Township 21 South, Range 37 East; Section 35: SW¼ (Mark Owen Lease) Lea County, New Mexico

Offset Operators,

This is to inform you as an offset operator that Apache Corporation ("Apache") has applied for administrative approval for non-standard 120 acre Blinebry gas spacing unit and simultaneous dedication of the Mark Owen Well No. 2 and Well No. 3 in the Blinebry Oil & Gas (Pro Gas) Pool.

Apache has requested a non-standard 120 acre Blinebry gas spacing unit to consist of the W½SW¼ and SE¼SW¼, which would include two (2) Blinebry gas producers, the Mark Owen Well No. 2 and Well No. 3. Apache has also requested a 40 acre Blinebry oil spacing unit be formed and dedicated to Well No. 4, consisting of the NE¼SW¼, since said well is currently producing a GOR of less than 50,000:1, which represents an oil well.

Further, Apache plans to drill and complete the Mark Owen Well No. 5 in the Tubb Oil and Gas (Pro Gas) zone. The location of the proposed new drill well will be Section 35, T21S, R37E, 1355' FSL & 1355' FWL, Lea County, New Mexico and has requested authorization to simultaneously dedicate production from the newly proposed Well No. 5 and from existing Well Nos. 1, 3 and 8 to the 160-acre gas spacing and proration unit (SW<sup>1</sup>/<sub>4</sub>, Sec 35), which is already in place for the Mark Owen Lease.

If you object to this application, you should file a written objection with the Oil Conservation Division's Santa Fe office within 20 days from the date of this letter. Otherwise, the application may be granted without further notice.

If you require additional information, please contact the undersigned at (918) 491-4838.

Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(918) 491-4854 fax

Michelle.hanson@apachecorp.com

#### **OFFSET OPERATORS**

Chevron U.S.A., Inc. Attn: NOJV Group 1400 Smith Street Houston, TX 77002

ExxonMobil Coporation P.O. Box 4610 Houston, TX 77210

ConocoPhillips Company Attn: Land Department 600 N. Dairy Ashford Houston, TX 77079

Oxy USA, Inc. Attn: Robbie Abraham 5 Greenway Plaza, Suite 1100 Houston, TX 77046-0521

John H. Hendrix Corporation 110 N. Marienfield, Suite 400 Midland, TX 79701-4400

Legacy Reserves Operating, L.P. 303 W. Wall Street, Suite 1400 Midland, TX 79701

Endeavor Energy Resources, L.P. 110 N. Marienfeld, Suite 200 Midland, TX 79701

Stephens & Johnson Operating Co. 100 Palo Pinto Ave Strawn, TX 76475

BEC Corporation P.O. Box 1392 Midland, TX 79702

Chesapeake Operating, Inc. P.O. Box 18496 Oklahoma City, Ok 73154-0496

#### Well File Search - Select API Number to View

Please select the API Number you wish to view from the list below by clicking the radio button next to the API Number. Then click the "Continue" button to see the thumbnails for the API you selected. The search results are broken out by groups of 25 on each page. Switching pages can be done by clicking the "Next 25" or "Previous 25" links.

38 R	lecords Found	Displaying Screen 2 of	2 [1€ ◀ ]	
0	API Number 3002529468 Well Name & Number Operator: APACHE	ULSTR L -35-21S-37E er: MARK OWEN No. 009 CORP	Footages 1830 FSL & 660 FWL	GB
$\bigcup_{i=1}^{n}$	3002537494 Well Name & Numbo Operator: MARATH	K -35-21S-37E er: MARK OVEN No. 012 ION OIL CO	1980 FSL & 1830 FWL	CXL
0	3002537533 Well Name & Numbo Operator: APACHE	M -35-21S-37E er: MARK OWEN No. 010 : CORP	510 FSL & 660 FWL	5A,GB
0	3002537534 Well Name & Numbo Operator: MARATH	N -35-21S-37E er: MARK OWEN No. 011 HON OIL CO	810 FSL & 1980 FWL	CXL
0	3002537648 Well Name & Number Operator: MARATH	M -35-21S-37E er: MARK OWEN NO. 013 HON OIL CO	480 FSL & 330 FWL	CXL
0	3002537649 Well Name & Numbo Operator: APACHE	K -35-21S-37E er: MARK OWEN No. 015 : CORP	1650 FSL & 1650 FWL	GB, Padolek
0	3002537650 Well Name & Numbo Operator: MARATH	K (35-21S-37E er: MARK OWEN No. 016 HON OIL CO	1980 FSL & 2310 FWL	CXL
0	3002537651 Well Name & Numb Operator: MARATH	L -35-21S-37E er: MARK OWEN No. 018 HON OIL CO	2310 FSL & 405 FWL	SA
0	3002537653 Well Name & Numb Operator: APACHE	N -35-21S-37E er: MARK OWEN No. 017 E CORP	510 FSL & 1650 FWL	GB
0	3002537731 Well Name & Numb Operator: MARATH	M -35-21S-37E er: MARK OWEN NO. 014 HON OIL CO	1090 FSL & 760 FWL	CXL
0		A -35-21S-37E er:-LOCKHART B 35 No. 009 OPHILLIPS COMRANY	330 FNL & 330 FEL	
0		F-35-21S-37E er: LOCKHART A 35 No. 005 OPHILLIPS COMPANY	1330 FNL & 1650 FWL	
0	3002539558 Well Name & Numb Operator: APACHE	L -35-21S-37E er: MARK OWEN No. 005 E CORP	1650 FSL & 1170 FWL	
38 R	Records Found	Displaying Screen 2 of	2 [14 4 ]	
		Continue Go Back		

	<b>S</b>			•
	Operator: CONOCOPHILLIPS (			
$\bigcirc$		5-21S-37E	990 FNL & 990 FEL	
	Well Name & Number: LOCKHAI			
	Operator: CONOCOPHILLIPS O	COMPANY		
$\bigcirc$		5-21S-37E	1980 FNL & 560 FWL	
	Well Name & Number: E M ELLIC			_
	Operator: JOHN H HENDRIX C	ORP		Tubb, Drenbard  Bline (C)
0	3002507037 L -35	5-21S-37E	1980 FSL & 660 FWL	
	Well Name & Number: MARK OV	VEN No. 001		Tubb, Dringend
-	Operator: APACHE CORP			,
	3002507038 M -3	5-21S-37E	660 FSL & 660 FWL	00: (0)
-	Well Name & Number: MARK OV	VEN No. 002		Bline (6)
	Operator: APACHE CORP		ŗ	murling .
· (~)	-3002507039 N-3	5-21S-37E	660 FSL & 1980 FWL	DO: CONTINA
~	Well Name & Number: MARK OV	VEN No. 003	·	12lene (6) /20
,	Operator: APACHE CORP			Ormand
	3002507040 K -39	5-21S-37E	1980 FSL & 1980 FWL	00: (00) 10
	Well Name & Number: MARK OV	VEN No. 004		12 me of all
	Operator: APACHE CORP		• •	Dreen bertief
		5-21S-37E	711 FSL & 2041-FWL	The state of the s
	Well Name & Number: PRE-ONG			
	Operator: PRE-ONGARD-WELL			
		5-21S-37E	660 FSL & 735 FWL	The state of the s
	Well Name & Number: PRE-ONG			
	Operator: PRE-ONGARD WELL			
-	<i>F</i>	5-21S-37E	2180 FNL & 660 FEL	
	Well Name & Number: LOCKHAF		72100 TINE & 000 TEE	
	Operator: CONOGOPHILLIPS C			,
$\overline{a}$		5-21S-37E	660 FSL & 2310 FWL	•
	Well Name & Number: MARK OV		000 1 3L & 2310 1 WL	/ B
	Operator: APACHE CORP	1211110.007		
_ >		-21S-37E	-1830 FSL & 710 FEL	-
	Well Name & Number: OWEN No		>1000 1 OE & 7 10 1 EE	
	Operator: OXY_USA-WTP LIMIT			40 (0)
_		5-21S-37E	760 FSL & 760 FWL	also, Tubb (6)
	Well Name & Number: MARK OV		TOO TOL & TOO FVVL	
	Operator: APACHE CORP	1 110. 000		Thromito Wash
				4-
38 R	ecords Found	Displaying Screen 1 of 2	[ <b>b</b> bi ]	
		Management 4	-	
	Contin	un Go Back		

#### Well File Search - Select API Number to View

Please select the API Number you wish to view from the list below by clicking the radio button next to the API Number. Then click the "Continue" button to see the thumbnails for the API you selected. The search results are broken out by groups of 25 on each page. Switching pages can be done by clicking the "Next 25" or "Previous 25" links.

	38 Re	ecords Found	Displaying Screen 1 of 2	[ <b>P P</b> 1 ]
-	_	API Number	ULSTR	Footages
	$\bigcap$	3002507021	P -35-21S-37E	660 FSL & 660 FEL
	-	Well Name & Number: OW	EN No. 001	
		Operator: OXY USA WIP	LIMITED PARTNERSHIP	
•	$\overline{\bigcirc}$	3002507023	O -35-21S-37E	660 FSL & 1980 FEL
		Well Name & Number: OW	EN No-002	
		Operator: OXY USA WTP	LIMITED PARTNERSHIP	
	0	3002507024	J -35-21S-37E	1980 FSL & 1980 FEL
		Well-Name & Number: OW	EN No. 003	
		Operator: OXY USA WTP	LIMITED PARTNERSHIP	
,		3002507025	O -35-21S-37E	710 FSL & 2040 FEL
		Well Name & Number: PRE	E-ONGARD WELL No. 005	
,		Operator: PRE-ONGARD	WELL OPERATOR !	
ten	$\bigcirc$	3002507026	1-35-21S-37E	1980 FSL & 660 FEL
		Well Name & Number: PRE	E-ONGARD WELL No. 001	
(		Operator: PRE-ONGARD	WELL OPERATOR	
. 1	0	3002507027	P -35-21S-37E	720 FSL & 720 FEL
		Well Name & Number: PRE	E-ONGARD WELL No. 006	
	<u>بر</u>	Operator: PRE-ONGARD	WELL OPERATOR	
		3002507028	I -35-21S-37E	2045 FSL & 710 FEL /
		Well Name & Number: OW	EN No. 007	
			LIMITED PARTNERSHIP	
	$\bigcirc$	3002507029	G -35-21S-37E	1980 FNL & 1980 FEL
		Well Name & Number: LOC		
<i>[</i>		Operator: CONOCOPHIL	LIPS COMPANY	
	$\bigcirc$	3002507030	D -35-21S-37E	660 FNL & 660 FWL
		Well Name & Number: LO	, \	
	<u>~</u>	Operator: CONOCOPHILI	LIPS COMPANY	
	$\bigcirc$	3002507031	F -35-21S-37E	1980 FNL & 1980 FWL
		Well Name & Number: LOG		
		Operator: CONOCOPHILI	LIPS COMPANY	
	$\bigcirc$	3002507032	C -35-21S-37E	660 FAL & 1980 FWL
		Well Name & Number: LO		
سمح		Operator: CONOCOPHIL	LIPS COMPANY	
	$\bigcirc$	3002507033	B -35-21S-37E	660 FNL & 1980 FEL
		Well Name & Number: LO	CKHART B 35 No. 002	
	<del></del>	Operator: CONOCOPHIL	LIPS COMPANY	
-	$\bigcirc$	3002507034	H -35-21S-37E	1980 FNL & 660 FEL
	/	Well Name & Number: LO	CKHART B 35 No. 003	
	•			



## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

Governor

Joanna Prukop

Cabinet Secretary

November 16, 2004

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Marathon Oil Company P. O. Box 3487 Houston, Texas 77253-3487

Attention:

Charles E. Kendrix Engineering Technician cekendrix@MarathonOil.com

RE: NMOCD Correspondence Reference No. SD-04-09: Tubb Oil and Gas Pool (86440) development within the existing standard 160-acre gas spacing and proration unit ("GPU") comprising the SW/4 of Section 35, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

Dear Mr. Kendrix:

Reference is made to the following: (i) your correspondence in the form of an administrative application dated October 15, 2004 and received by the New Mexico Oil Conservation Division ("Division") in Santa Fe on October 25, 2004 (administrative application reference No. pMES0-430233824); and (ii) the Division's records in Hobbs and Santa Fe: all concerning Marathon Oil Company's ("Marathon") plans for the development of the Tubb Oil and Gas Pool within the above-described 160-acre standard GPU.

The rules currently governing the Tubb Oil and Gas Pool include but are not necessarily limited to: (i) the "Special Rules and Regulations for the Tubb Oil and Gas Pool," as promulgated by Division Order No. R-8170, as amended; (ii) Division Rule 605.B; (iii) Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999; and (iv) Rule 1207.A (2).

It is the Division's understanding that gas production attributed to the Tubb Oil and Gas Pool within this 160-acre GPU is to be simultaneously dedicated to Marathon's following three wells:

- (a) Mark Owen Well No. 1 (API No. 30-025-07037), located at a standard gas well location 1980 feet from the South line and 660 feet from the East line (Unit L) of Section 35;
- (b) Mark Owen Well No. 3 (API No. 30-025-07039), located at a standard gas well location 660 feet from the South line and 1980 feet from the West line (Unit N) of Section 35; and

(c) Mark Owen Well No. 8 (API No. 30-025-25481), located at a standard gas well 760 feet from the South and West lines (Unit M) of Section 35.

Marathon is permitted to produce the allowable assigned this 160-acre GPU from the three above-described Mark Owen Wells No. 1, 3, and 8 in accordance with Rule 8 of the special rules governing the Tubb Oil and Gas Pool and Division Rule 605.D (4) (a).

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

Mark E. Fesmire, P. E.

Director

MEF/ms

cc: New Mexico Oil Conservation Division - Hobbs