د ند		PTGW
DATE IN	3.24.11	SUSPENSE ENGINEER DILB, LOGGED IN 3, 24/1/ TYPE DITC APP NO. 1108330446
		ABOVE THIS LINE FOR DIVISION USE ONLY
		NEW MEXICO OIL CONSERVATION DIVISION Conocolhillips
		- Engineering Bureau - 2/78/7 1220 South St. Francis Drive, Santa Fe, NM 87505
		Om er 14 4 35
		ADMINISTRATIVE APPLICATION CHECKLIST 30-045-24080
T		T IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Аррис	[NSL-Non	-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
	<u>_[DHC-</u> [Р	Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] C-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
	-	[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
	[EOR	-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE O	F APPLICATION - Check Those Which Apply for [A]
	L	A Location - Spacing Unit - Simultaneous Dedication
	C	Check One Only for [B] or [C]
	[]	B] Commingling - Storage - Measurement
	F	Cl Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
	Ľ	WFX PMX SWD PII EOR PPR
	[]	D] Other: Specify
[2]	NOTIFI [/	CATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply A] Uvrking, Royalty or Overriding Royalty Interest Owners
	[]	B] Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice
	[]	D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[]	E] For all of the above, Proof of Notification or Publication is Attached, and/or,
	[]	F] Waivers are Attached
[3]	SUBMIT OF APP	ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE LICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Crystal Tafoya	Constal -	Talana	Staff Regulatory Tech	3/23/11
Print or Type Name	Signature	//	Title	Date

crystal.tafoya@conocophillips.com e-mailAddress

Omler A 3E

<u>District I</u> 1625 N. French D

٦

District II

1301 W. Grand Avenue, Artesia, NM 88210

vc, Hobbs, NM 88240

District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fc, NM 87505

District IV

State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE X_Single Well **Establish Pre-Approved Pools** EXISTING WELLBORE X_Yes ____ ___ No

APPLICATION FOR DOWNHOLE COMMINGLING

ConocoPhillips Company		P.O.Box 4289 Farmington, NM 87499	
Operator		Address	
Omler A	<u>3E</u>	Unit O, Sec. 26, 028N, 010W	SAN JUAN
Lease	Well No	Unit Letter-Section-Townshin-Range	County

OGRID No: 217817 Property Code 31845 API No. 30045240800000 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	BASIN FRUITLAND COAL	FULCHER KUTZ PICTURED CLIFFS (GAS)	OTERO CHACRA		
Pool Code	71629	77200	82329		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1700'-1830' Estimated	1840'-1950' Estimated	2948'-2974'		
Method of Production (Flowing or Artificial Lift)	NEW ZONE	NEW ZONE	FLOWING		
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	232 PSI	275 PSI	1250 PSI		
Oil Gravity of Gas BTU (Degree API or Gas BTU)	BTU 1000	BTU 1000	BTU 1000		
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	PRODUCING		
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: N/A	Date: N/A Rates: N/A	Date: Oct 2010 Rates: 132 MCF		
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion		

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes Yes	<u> </u>	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes	<u>X</u>	No
Will commingling decrease the value of production?	Yes		No <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	<u>_X</u>	No
NMOCD Reference Case No. applicable to this well:			

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data

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

SIGNATURE <

Engineer TITLE _____

DATE 3 2-1 11 ____TELEPHONE NO. ______ 326-9700

TYPE OR PRINT NAME Bill Akwari, Engineer

E-MAIL ADDRESS Bill.N.Akwari@conocophillips.com

Omler A 3E Unit O, Section 26, T28N, R10W

•

The Omler A 3E is a Fruitland Coal, Pictured Cliffs and Chacra recompletion. A volumetric calculation will be performed to determine the allocation percentages between the Fruitland Coal, Pictured Cliffs and Chacra. All documentation will be submitted to the Aztec NMOCD office.

~

Form C-102

District I **State of New Mexico** Permit 126589 1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720 **Energy, Minerals and Natural Resources** District II **Oil Conservation Division** 1301 W. Grand Ave., Artesia, NM 88210 Phone: (505) 748-1283 Fax; (505) 748-9720 1220 S. St Francis Dr. District III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2, Pool Code	3.	Pool Name
30-045-24080	71629	LAND COAL (GAS)	
4. Property Code	5. Prope	rty Name	6. Well No.
31845	OML	003E	
7. OGRID No.	8. Opera	9. Elevation	
217817	CONOCOPHILI	5811	

10. Surface Location UL - Lot Section Lot Idn Feet From N/S Line Feet From E/W Line Township Range County 0 10W 810 s 1810 E SAN JUAN 26 28N

11 Bottom Hole Location If Different From Surface

	II. Dottom Holt Location if Different From Surface											
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County	
12. Dedi 32	cated Acres	[3.]	oint or Infill		14	. Consolidation C	Code			15. 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

I WARDON AND AN
And the second
CONTRACTOR OF A
a second s
and a second

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(s) 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. motal Tapaya 2/1/11

E-Signed By: Crystal Tafoya

Title: Staff Regualtory Technician Date: February 1, 2011

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. Surveyed By: Fred B. Kerr

Date of Survey: 9/27/1979 Certificate Number: 3950

Form C-102

Permit 126589

District I

1625 N. French Dr., Hobbs, NM 88240 Phone: (505) 393-6161 Fax: (505) 393-0720 District II

1301 W. Grand Ave., Artesia, NM 88210 Phone: (505) 748-1283 Fax: (505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District 1V

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico **Energy, Minerals and Natural Resources Oil** Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	Pool Name							
30-045-24080	77200	FULCHER KUTZ PICTURED CLIFFS (GAS)							
4. Property Code	5. Prope	rty Name	6. Well No.						
31845	ÖML	LER A	003E						
7. OGRID No.	8, Opera	9. Elevation							
217817	CONOCOPHILI	5811							

10. Surface Location Lot Idn Feet From N/S Line Feet From E/W Line UL - Lot Section Township Range County 0 26 28N 10W 810 S 1810 Е SAN JUAN

11. Bottom Hole Location If Different From Surface

11. DORONI HORE EXcation in Different From Barrace											
UL - Lot	Section	Township	Range	Lot	Iđn	Feet From	N/S L	ine	Fect From	E/W Line	County
12. Dedi	cated Acres	13, .	Joint or Infill		14	. Consolidation C	?ode			15. Order No,	
16	0.00 SE/4										

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

	 	7477858552588422	19442452542425
		<u> </u>	
L	 	Sec. 1	

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(s) 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. Experient Talaya 2/1/2011 E-Signed By: Crystal Taloya

Title: Staff Regulatory Technician Date: February 1, 2011

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. Surveyed By: Fred B. Kerr Date of Survey: 9/27/1979 Certificate Number: 3950

TATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

.

.

.

OIL CONSERVATION DIVISION

H. O. BOX 2088 SANTA FE, NEW MEXICO 87501



Form C-102 kevised 10-1-78

ì

		All distances r	nuel le from t	he cuter liou	noerse et s	the section.		<u></u>
Operator			Le	ase	;			Well No.
TENNECO OIL	COMPANY			OMLER	nAn			3-E '
Lint Latter	Section	Tourselie		Bance		County		
	0/	10 misnip				- County	T	
	20	20N		LOM		l San	Juan	
Actual Footage Loc	ation of Well:				<u>^</u>			
810	feet from the	South	line and	1813	fee	t from the	East	line
Ground Level Elev.	Productor Fo	mation	Pr					Dedicated Acreage:
ร่อ่า	Dalcote	`		· Paci	n Dakat			
	Danuta	.		0001	II Dano U			320.00 Actes
1. Outline th	e acreage dedica	ited to the su	biect well	by colored	l pencil o	r hachure	narks on th	ie plat below.
			,		•			•
	· ·	1	.1 11		1 121.			the state of the s
2. It more th	an one lease is	dedicated to	the well, c	outline eac	h and ide	ntily the o	wnersnip u	nereol (both as to working
interest an	id royalty).							
3. If more the	in one lease of d	lifferent owner	ship is ded	licated to	the well.	have the in	nterests of	all owners been consoli-
dated by a	ammunitization	unitization for	ce-pooling	etc?				
dated by c	ommunitization,	unicization, ioi	ce-pooring.					· · · ·
Yes	No Ita	nswer is "yes	; type of c	onsolidati	on			
If answer	is "no," list the	owners and tr	act descrip	tions which	h have ac	tually bee	n consolida	ated. (Use reverse side of
this form it	f necessary.)	•	•			-		
N 11 1	1						1 ()	
No allowat	ble will be assign	ed to the well	until all in	terests ha	ve been c	consolidate	ed (by com	munitization, unitization,
forced-pool	ling, or otherwise) or until a non	i-standard u	init, elimin	ating suc	h interests	, has been	approved by the Commis-
sion.								
				1		\neg		CERTIFICATION
	l l			!				
					ぃぼし			
	J			FOR	IV L-		I hereby	certify that the information com-
				(EC)			tained he	rein is true and complete to the
	E E		· / ·		1 1012		best of m	y knowledge and belief.
	1		\	nec o			11	411
	1		1	0-1	LICAL SUF	aver V	1110	A Harrison /
			\	dEOL(DGICAL N. A	·	Nome	printer -
	+	+		UL STRAIN	GIUN		Ivane	
			1	Prop.			Staf	Production Analyst
	1						Position	•
				I			TENNEC	O OIL COMPANY
	1			1			Compony	■
	, r			i			10	7 70
	1			i i			12.	-/-/9
	1			i			Date	•
		Sec.	•					
[]								
						2		
		-077095	26	I .			1 harahu	certify that the wall lastin-
E		,011005		I			, neresy	dentry must me wen rocarion
E	- TOC -	2		<i>سر</i> ا	The Party of the second	. E	shown on	this plat was plotted from field
IE	CONOCO	$-\frac{1}{2}$		1	e.	E E	notes of	actual surveys made by me or
	320.00	acres				- X E	under my	supervision, and that the same
						sr ìE	is true o	and correct to the best of my
	1			1	1.0	🐃 \E	knowledg	e and hellef.
14	1			1		(P	Know ledy	e und benen.
1					، … همزچم ر	#E	1	
	ŀ			11		10 / E		
)			1 - 1 - 1 	יארפר	. E	Date Survey	/ed
0	, i		0		010			12000 1000
	I		Ť		and a second second	- E	Septe	ember:27, 1979
15	1		-	1		E	Registered	Professional Engineer
	1		F	1		E	and/or Land	Surveyor >
1 -			B	•		E	7.	thense
	1			1		E	Ena	A Som In SI
"	**************			mann		11111111 ²	<u>Freu</u>	No SIGPI
							Centricate	ALL DO
0 330 660	90 1320 1850 19	80 2310 2640	2000	1 500	1000 8	000 0	3950	TR. JR.

NADED.

•

•

Summary Production Report

_

Lease Name: Lease Number: Operator Name: State: County: Field: Production ID: Reservoir Name: Prod Zone: Basin Name: Status:	OMLER A 022420 CONOCOPHILLIPS COMPANY NEW MEXICO SAN JUAN OTERO SUM0430452408082329 CHACRA CHACRA SAN JUAN BASIN ACTIVE GAS	Cum Oil: Cum Gas: Cum Water: First Production Date: Last Production Date:	1,041 278,292 288 JUL 1981 OCT 2010	
Annual Production	(30 year	s)		
Vear	Oil	Gas	Water	
	BBLS	MCF	BBLS	
Beginning				
Cum:				
1981		27,420		
1982		19,851		
1983		18,034		
1984		13,190		
1985		11,904		
1980		13,042		
1987		9.450		
1980		13 388	74	
1990	292	9 899	30	
1991	109	9.687	50	
1992	93	10,324		
1993		9,592		
1994	27	21,978		
1995	325	8,003		
1996	92	6,367	20	
1997	62	8,649	130	
1998	_	6,993		
1999	8	9,370	• •	
2000	10	6,364	30	
2001	18	9,441		
2002	3	3,430		
2003	5	4 294		
2004	1	1 159		
2005	1	4 714		
2007	1	1.185		
2008	7	848		
2009	2	968		
2010	1	1,247	4	
Totals:		·		
	1,041	278,292	288	

Monthly Production

.

•

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	# of Wells	Days on
JUL 1981		5,300			31
AUG 1981		6,365	-	1	25
SEP 1981		5,479		1	30
OCT 1981		4,232		1	31
NOV 1981		3,201		1	30
DEC 1981		2,843		1	31
Totals:					
1981		27,420			
JAN 1982		2.761		1	31
FEB 1982		1.931		1	28
MAR 1982		1.795		- 1	31
APR 1982		1.696		1	30
MAY 1982		1.806		1	31
JUN 1982		1,682		1	30
JUL 1982		1,603		1	31
AUG 1982		1,761		1	31
SEP 1982		1,628		1	30
OCT 1982		956		1	18
NOV 1982		192		1	1
DEC 1982		2,040		1	22
Totals:					
1982		19,851			
JAN 1983		2,218		1	31
FEB 1983		765		1	5
MAR 1983				1	
APR 1983		1,531		1	11
MAY 1983		2,199		1	31
JUN 1983		1,807		1	30
JUL 1983		1,745		1	31
AUG 1983		1,743		1	31
SEP 1983		1,530		1	30
OCT 1983		1,484		1	31
NOV 1983		1,508		1	30
DEC 1983		1,504		1	31
1983	<u></u>	18,034			
IAN 1084		1.407		1	21
FEB 1984		1 147		1	21 21
MAR 1084		1 267		1	21
APR 1984		1 473		1	30
MAY 1984		1,775		1	50 27
HIN 1984		1.028		1	27
JUL 1984		962		1	31
AUG 1984		1 008		1	31
SEP 1984		854		1	30
OCT 1984		774		1	31

٠

.

NOV 1984 DEC 1984 Totals:	644 1,409		1 1	30 31
1984	13,190			
JAN 1985	1,625		1	31
FEB 1985	1,286		1	28
MAR 1985	1,250		1	31
APR 1985	866		1	30
MAY 1985	743		1	31
JUN 1985	765		1	30
JUL 1985	761		1	31
AUG 1985	734		1	31
SEP 1985	1,271		1	30
OCT 1985	1,205		1	31
NOV 1985	784		1	30
DEC 1985	674		1	31
Totals:				
1985	11,964			
JAN 1986	452		1	23
FEB 1986	1,106		1	24
MAR 1986	1,585		1	31
APR 1986	1,470		1	30
MAY 1986	1,198		1	25
JUN 1986	1,170		1	30
JUL 1986	1,140		1	31
AUG 1986	1,067		1	31
SEP 1986	1,317		1	30
OCT 1986	1,257		1	31
NOV 1986	824		1	30
DEC_1986	1,056		I	31
Totals:		·		
1986	13,042			
JAN 1987	1,268		1	31
FEB 1987	907		1	20
MAR 1987	1,121		1	31
APR 1987	1,123		1	30
MAY 1987	1,159		1	31
JUN 1987	1,008		1	30
JUL 1987	8		1	1
AUG 1987	1,209		1	31
SEP 1987	950		1	24
OCT 1987	884		1	29
NOV 1987	1,140		1	30
DEC 1987	905		1	31
Totals:	······································			
1987	11,682			
JAN 1988	1,059		1	30
FEB 1988	305		1	6
MAR 1988	1,448		1	27
APR 1988	1,031		1	27
MAY 1988	919		1	30
JUN 1988	957		· 1	30
JUL 1988	914		1	24

· ·

AUG 1988 SEP 1988 OCT 1988 NOV 1988 DEC 1988 Totals: 1988		418 1,436 958 5 9,450		1 1 1 1 1	9 30 31 1
JAN 1989 FEB 1989 MAR 1989 APR 1989 JUN 1989 JUL 1989 AUG 1989 SEP 1989 OCT 1989 NOV 1989 DEC 1989 DEC 1989		1,368 383 1,611 1,444 507 378 1,995 1,873 1,011 972 861 985	10 2 3 5 4 30 10 10	1 1 1 1 1 1 1 1 1 1 1 1	21 15 25 30 17 29 28 25 31 30 18
1989 JAN 1990 FEB 1990 MAR 1990 APR 1990 JUN 1990 JUN 1990 JUL 1990 AUG 1990 SEP 1990 OCT 1990 NOV 1990 DEC 1990 Totals: 1990	5 58 34 39 65 14 4 51 12 10 292	13,388 1,014 769 883 827 890 857 689 1,033 770 35 1,371 761 9,899	74 30 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31 28 31 30 29 30 27 29 25 30 28
JAN 1991 FEB 1991 MAR 1991 APR 1991 JUN 1991 JUN 1991 JUL 1991 AUG 1991 SEP 1991 OCT 1991 NOV 1991 DEC 1991 Totals:	7 39 28 35	875 679 1,010 931 787 840 732 885 908 815 820 405		1 1 1 1 1 1 1 1 1 1 1	22 19 31 30 25 30 26 24 30 31 27 15
1991 JAN 1992 FEB 1992 MAR 1992 APR 1992	109 39 1 27 23	9,687 990 554 783 834		1 1 1 1	24 13 25 30

. .

MAY 1992 JUN 1992 JUL 1992 AUG 1992 SEP 1992 OCT 1992 NOV 1992 DEC 1992 DEC 1992 Totals: 1992	3 93	884 844 1,124 972 994 865 1,027 453 10,324	_	1 1 1 1 1 1 1 1	28 30 31 31 25 31 30 24
JAN 1993 FEB 1993 MAR 1993		1,129 810 900		1 1 1	31 28 31
APR 1993		735		1	30
MAY 1993		844		1	31
JUN 1993		690		1	30
JUL 1993		770		1	31
AUG 1993		653		1	31
SEP 1993		829		l	26
NOV 1993		902		l	30
NUV 1993		017		1	30
DEC 1993		/13		I	31
1003		0.502	 -		
1775		9,592			
JAN 1994		1 638		1	24
FEB 1994		1.909		1	28
MAR 1994		1,668		1	31
APR 1994		1,633		1	30
MAY 1994	11	1,779		1	31
JUN 1994		2,092		1	30
JUL 1994	15	2,489		1	31
AUG 1994		3,619		1	31
SEP 1994		3,001		1	30
OCT 1994	1	598		1	31
NOV 1994		777		1	30
DEC 1994		775		1	31
Totals:		21.070	 _		
1994	27	21,978			
JAN 1995		402		1	31
FEB 1995	65	882		1	28
MAR 1995	05	679		1	20
APR 1995		1.055		1	30
MAY 1995	73	755		1	31
JUN 1995	60	660		1	30
JUL 1995		717		1	31
AUG 1995	4	679		1	31
SEP 1995		562		1	30
OCT 1995	100	543		1	25
NOV 1995		522		1	30
DEC 1995	23	547		1	31
Totals:			 _		
1995	325	8,003			
LANI 1007	71	(20)			
JAN 1996	13	630		1	31

· ·

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	FEB1996MAR1996APR1996JUN1996JUL1996AUG1996	6	575 598 614 568 201 283 243			1 1 1 1 1 1	29 31 30 31 30 31 31
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	SEP 1996		494		-	1	19
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	OCT 1996		753			1	31
DEC 1996 13 696 20 1 31 Totals:	NOV 1996		712			1	30
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	DEC 1996	13	696	20		1	31
1996 92 $6,367$ 20 JAN 1997 691 80 1 31 FEB 1997 635 1 28 MAR 1997 635 20 1 30 MAR 1997 635 20 1 30 MAY 1997 697 1 31 30 MAY 1997 674 1 31 30 SEP 1997 1017 1 31 30 OCT 1997 62 786 1 30 DEC 1997 62 786 1 31 Totals:	Totals:			~			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1996	92	6,367	20			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			(0)			1	21
FEB 1997 03 1 26 APR 1997 635 20 1 30 MAY 1997 697 1 31 JUN 1997 524 1 27 JUL 1997 486 30 1 26 AUG 1997 674 1 31 SEP 1997 916 1 30 OCT 1997 1.017 1 31 Totals:	JAN 1997		691	80		1	31
MAR 1997 0.20 1 31 MAY 1997 635 20 1 30 MAY 1997 697 1 31 JUN 1997 524 1 27 JUL 1997 674 1 31 SEP 1997 674 1 30 OCT 1997 1,017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 Totals:	FEB 1997		635			1	20
APR 1997 033 20 1 31 JUN 1997 524 1 27 JUL 1997 486 30 1 26 JUL 1997 486 30 1 26 JUL 1997 674 1 31 SEP 1997 916 1 30 OCT 1997 1,017 1 331 Nov 1997 962 1 30 DEC 1997 62 786 1 31 Totals:	MAK 1997		625	20		1	30
MAT 1997 07 1 31 JUN 1997 524 1 27 JUL 1997 486 30 1 26 AUG 1997 674 1 31 SEP 1997 916 1 30 OCT 1997 1.017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 31 Totals:	APK 1997		607	20		1	31
Jul. 1997 354 1 21 Jul. 1997 486 30 1 26 AUG 1997 674 1 31 SEP 1997 916 1 30 OCT 1997 1.017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 31 Total:	MAT 1997		524			1	27
JOL 1997 400 30 1 20 SEP 1997 996 1 30 OCT 1997 1,017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 31 Totals:	JUN 1997		486	30		1	27
AOG 1997 017 1 30 OCT 1997 1017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 31 Totals:	JUL 1997		400 674	50		1	31
JLF 1997 1,017 1 31 NOV 1997 962 1 30 DEC 1997 62 786 1 31 Totals:	SED 1007		916			1	30
OCT 1997 101 1 30 DEC 1997 62 786 1 31 Totals:	OCT 1007		1 017			1	31
INOV 1997 62 786 1 31 Totals: 1997 62 786 1 31 JAN 1998 711 1 31 FEB 1998 567 1 28 MAR 1998 612 1 31 MAR 1998 612 1 31 JUN 1998 617 1 31 JUL 1998 409 1 30 MAY 1998 617 1 31 AUG 1998 541 1 31 SEP 1998 229 1 1 31 OCT 1998 827 1 31 31 DEC 1998 828 1 31 31 Totals:	NOV 1997		962			1	30
DEC 1937 0.2 100 1 31 Totals:	DEC 1997	62	786			1	31
Jan 1997 62 8,649 130 JAN 1997 62 8,649 130 JAN 1998 711 1 31 MAR 1998 612 1 31 MAR 1998 612 1 31 APR 1998 617 1 31 JUN 1998 617 1 31 JUL 1998 6409 1 30 JUL 1998 541 1 31 AUG 1998 5429 1 1 31 OCT 1998 827 1 31 30 DEC 1998 828 1 31 30 Totals:	Totals:	02	100			1	51
JAN 1998 711 1 31 FEB 1998 567 1 28 MAR 1998 612 1 30 MAY 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 SEP 1998 522 1 30 JUL 1998 541 1 31 SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	1997	62	8 649	130			
JAN 1998 711 1 31 FEB 1998 567 1 28 MAR 1998 612 1 31 APR 1998 592 1 30 MAY 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 30 DEC 1998 828 1 31 Totals:	1777	02	0,015	120			
FEB 1998 567 1 28 MAR 1998 612 1 31 APR 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 522 1 19 OCT 1998 827 1 31 DCT 1998 512 1 30 DEC 1998 828 1 31 Totals:	JAN 1998		711			1	31
MAR 1998 612 1 31 APR 1998 592 1 30 MAY 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 30 DEC 1998 828 1 31 Totals:	FEB 1998		567			1	28
APR 1998 592 1 30 MAY 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 JUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	MAR 1998		612			1	31
MAY 1998 617 1 31 JUN 1998 409 1 30 JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 229 1 31 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	APR 1998		592			1	30
JUN 1998 409 1 30 JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	MAY 1998		617			1	31
JUL 1998 541 1 31 AUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	JUN 1998		409			1 .	30
AUG 1998 548 1 31 SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	JUL 1998		541			1	31
SEP 1998 229 1 19 OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	AUG 1998		548			1	31
OCT 1998 827 1 31 NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	SEP 1998		229			1	19
NOV 1998 512 1 30 DEC 1998 828 1 31 Totals:	OCT 1998		827			1	31
DEC 1998 828 1 31 Totals:	NOV 1998		512			1	30
Totals:	DEC 1998		828			1	31
1998 6,993 JAN 1999 2 829 1 31 FEB 1999 921 1 28 MAR 1999 4 1,233 1 31 APR 1999 1,224 1 30 MAY 1999 2 1,075 1 31 JUN 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	Totals:						
JAN 1999 2 829 1 31 FEB 1999 921 1 28 MAR 1999 4 1,233 1 31 APR 1999 1,224 1 30 MAY 1999 2 1,075 1 31 JUN 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	1998		6,993				
JAN 19992829131FEB 1999921128MAR 199941,233131APR 19991,224130MAY 199921,075131JUN 1999781130JUL 1999607131AUG 1999624131SEP 1999428130OCT 1999444131NOV 1999725130DEC 1999479131		2	000			1	2.1
FEB1999921128MAR199941,233131APR19991,224130MAY199921,075131JUN1999781130JUL1999607131AUG1999624131SEP1999428130OCT1999444131NOV1999725130DEC1999479131	JAN 1999	2	829			1	31
MAR 1999 4 1,233 1 31 APR 1999 1,224 1 30 MAY 1999 2 1,075 1 31 JUN 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	FEB 1999	4	921			1	28
APR 1999 1,224 1 30 MAY 1999 2 1,075 1 31 JUN 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	MAR 1999	4	1,233			1	31
MAY 1999 2 1,073 1 31 JUN 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	APR 1999	2	1,224			1	30
JUL 1999 781 1 30 JUL 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	MAY 1999	2	1,0/5			1	16
AUG 1999 607 1 31 AUG 1999 624 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	JUN 1999		/01			1	3U 21
AUG 1999 024 1 31 SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31	JUL 1999		0U /			I 1	اد 1
SEP 1999 428 1 30 OCT 1999 444 1 31 NOV 1999 725 1 30 DEC 1999 479 1 31 Totals: 1 31	AUG 1999		024 170			1	20
NOV 1999 725 1 30 DEC 1999 479 1 31	SET 1999		420 111			1	3U 21
DEC 1999 479 1 31 Totals:	NOV 1000		775			1	20
Totals:	DEC 1000		470			1	21
	Totals		(1)			I	10

. •

1999	8	9,370			
IAN 2000		614		1	31
FEB 2000		415		1	29
MAR 2000		436		1	31
APR 2000		395		1	30
MAY 2000		382		1	31
UN 2000		408		1	30
JUN 2000		524		1	31
AUG 2000		JZ4 445		1	21
SEP 2000		443		1	30
OCT 2000		550		1	21
NOV 2000		558 801	20	1	20
NOV 2000		801	30	1	21
DEC 2000		024		1	21
		6.264	20		
2000		0,304	30		
JAN 2001		764		1	31
FEB 2001		737		1	28
MAR 2001		1,172		1	31
APR 2001	3	1,029		1	30
MAY 2001	2	887		1	31
JUN 2001		615		1	30
JUL 2001		706		1	31
AUG 2001		641		1	31
SEP 2001		596		1	30
OCT 2001		697		1	31
NOV 2001		785		1	30
DEC 2001	13	812		1	31
Totals:					
2001	18	9,441			
IANI 2002		650		1	31
FEB 2002		544		1	28
MAR 2002		470		1	31
APR 2002		395		1	30
MAY 2002		445		1	31
IUN 2002		435		1	30
IUL 2002		381		1	31
AUG 2002		280		1	31
SEP 2002		266		1	30
OCT 2002		496		1	31
NOV 2002		565		1	30
DEC 2002		503		1	31
Totals:					
2002		5,430	· · · · · ·		
LAN 2002		220		1	21
FEB 2003	2	239		1	31 20
MAD 2003	c	507		1	∠ŏ 21
ADD 2002		571 601		1	20
MAV 2002		205		1 1	21
UDV 2002		595		1	20
JUN 2003		545		1	21
JUL 2003		343 2		1	21
SED 2002		<u>∠</u>		1	16
OCT 2002		4 2		1	20
JUL 2003					21

. .

NOV 2003		2			1	30
DEC 2003		55			1	31
Totals		55			•	5.
2002		2 150				
2003	5	5,159				
1431 2004		202				21
JAN 2004		392			l	31
FEB 2004		196			1	29
MAR 2004		206			1	31
APR 2004		105			1	30
MAY 2004		84			1	31
JUN 2004		81			1	30
1111 2004		265			1	31
AUG 2004		760			1	31
SED 2004		(0)			1	20
SEP 2004		023			1	50
OCT 2004		738			1	31
NOV 2004		382			1	30
DEC 2004		453			1	31
Totals:			 _			
2004		4,294				
IAN 2005		524			1	31
FFR 2005		144			1	28
1LD 2005		144			1	20
MAK 2003		1.5			1	20
APR 2005		15			l	30
MAY 2005					1	
JUN 2005	1	68	•		1	30
JUL 2005		180			1	31
AUG 2005		96			1	31
SEP 2005		132			1	20
Totals						
2005		1 1 5 9	 -			
2005	1	1,159				
LAN 2000		45			1	0
JAN 2006		45			1	0
FEB 2006					l	
MAR 2006		54			1	22
APR 2006		61			1	2
MAY 2006		584			1	31
JUN 2006		832			1	28
JUL 2006		697			1	31
AUG 2006		565			1	31
SEP 2006		613			1	30
OCT 2006		566			1	31
NOV 2006		J00 410			1	20
NOV 2006		410			1	30
DEC 2006		287			1	31
Totals:			 -			
2006		4,714				
JAN 2007		232			1	30
FEB 2007		253			1	28
MAR 2007		117			1	25
APR 2007		61			1	20
MAN 2007		40			1	20
WIAT 2007		49			1	51
JUN 2007		122			1	29
JUL 2007		150			1	31
AUG 2007		17			1	10
SEP 2007		6			1	6
OCT 2007		2			1	11

. •

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	NOV 2007 DEC 2007 Totals:	1	18 158			1 1	30 27
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2007	1	1,185				
FEB 2008 60 1 28 MAR 2008 96 1 31 APR 2008 137 130 MAY 2008 45 1 8 JUN 2008 1 1 31 AUG 2008 1 1 31 AUG 2008 1 1 31 AUG 2008 1 1 31 OCT 2008 221 1 31 NOV 2008 111 1 122 DEC 2008 6 123 1 30 Totals:	JAN 2008		54			1	31
MAR 2008 96 1 31 APR 2008 137 1 30 MAY 2008 45 1 8 JUN 2008 1 1 31 JUL 2008 1 1 31 SEP 2008 1 1 31 SEP 2008 1 1 32 OCT 2008 221 1 31 NOV 2008 111 1 22 DEC 2008 6 123 1 30 Totals:	FEB 2008		60			1	28
APR 2008 137 1 30 MAY 2008 45 1 8 JUL 2008 1 1 31 JUL 2008 1 1 31 AUG 2008 1 1 31 SEP 2008 221 1 31 NOV 2008 111 1 22 DEC 2008 6 123 1 30 Totals:	MAR 2008		96			1	31
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	APR 2008		137			1	30
JUN 2008 1 JUL 2008 1 JUL 2008 1 AUG 2008 1 SEP 2008 1 SEP 2008 1 JAU 2008 1 SEP 2008 111 DOC 2008 111 DEC 2008 6 Totals:	MAY 2008		45			1	8
JUL 2008 1 1 31 AUG 2008 1 1 31 SEP 2008 221 1 31 NOV 2008 111 1 22 DEC 2008 6 123 1 30 Totals:	IUN 2008					1	Ū
AUG 2008 1 1 31 SEP 2008 1 1 3 OCT 2008 221 1 31 DVC 2008 111 1 22 DEC 2008 6 123 1 30 Totals:	IUL 2008					1	
Nov 2008 1 1 3 OCT 2008 221 1 31 NOV 2008 111 1 22 DEC 2008 6 123 1 30 Totals:	AUG 2008	1				1	31
JAN 2000 1 1 31 NOV 2008 111 1 221 DEC 2008 6 123 1 30 Totals:	SEP 2008	1	1			1	3
OCT 2000 221 1 31 DEC 2008 6 123 1 30 Totals:	OCT 2008		221			1	31
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	NOV 2008		111			1	22
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	NOV 2008	6	111			1	22
JAN 2009 7 848 JAN 2009 185 1 31 FEB 2009 37 1 28 MAR 2009 128 1 31 APR 2009 2 55 1 30 MAY 2009 2 55 1 31 JUN 2009 33 1 30 JUL 2009 20 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 112 1 30 DEC 2009 112 1 30 DEC 2009 212 1 30 Totals:	DEC 2008	0	125			1	50
JAN 2009 185 1 31 FEB 2009 37 1 28 MAR 2009 128 1 31 MAP 2009 2 55 1 30 MAY 2009 2 55 1 31 JUN 2009 2 55 1 31 JUL 2009 20 1 31 30 JUL 2009 20 1 31 30 SEP 2009 32 1 30 30 OCT 2009 112 1 31 30 DEC 2009 112 1 31 30 DEC 2009 2 968	2008	7					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2008	1	040				
JAN 2009 160 1 31 MAR 2009 128 1 31 APR 2009 93 1 30 MAY 2009 2 55 1 31 JUN 2009 33 1 30 JUL 2009 20 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 112 1 30 DEC 2009 112 1 31 Totals:	IAN 2009		185			1	31
11111 2009 1 20 MAR 2009 128 1 31 APR 2009 2 55 1 31 JUN 2009 2 55 1 31 JUN 2009 2 55 1 30 JUL 2009 20 1 31 30 JUL 2009 20 1 31 30 JUL 2009 32 1 30 30 OCT 2009 114 1 31 30 DEC 2009 112 1 30 30 DEC 2009 112 1 30 30 Totals:	FER 2009		37			1	28
MAR 2009 93 1 30 MAY 2009 2 55 1 31 JUN 2009 33 1 30 JUL 2009 20 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 30 Totals:	MAP 2009		128			1	28
AIX 2009 2 55 1 30 MAY 2009 2 55 1 31 JUN 2009 33 1 30 JUL 2009 20 1 31 AUG 2009 47 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 112 1 31 NOV 2009 112 1 31 DEC 2009 112 1 31 Totals:	ADD 2009		02			1	30
MAR 2009 2 33 1 30 JUN 2009 33 1 30 JUL 2009 20 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 30 Totals:	MAV 2009	r	9J 55			1	31
JUL 2009 20 1 31 JUL 2009 20 1 31 JUL 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 30 DEC 2009 2 968 1 31 Totals:	WAT 2009	2	22			1	30
JOL 2009 20 1 31 AUG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 30 DEC 2009 112 1 31 Totals:	JUN 2009		33			1	21
AOG 2009 47 1 31 SEP 2009 32 1 30 OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 31 Totals:	JUL 2009		20			1	21
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	AUG 2009		47			1	20
OCT 2009 114 1 31 NOV 2009 112 1 30 DEC 2009 112 1 31 Totals:	SEF 2009		32			1	30
NOV 2009 112 1 30 DEC 2009 112 1 31 Totals:	NOV 2009		114			1	20
DEC 2009 112 1 31 Totals: 2009 2 968 1 31 FEB 2010 1 221 1 28 MAR 2010 214 1 31 APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 142 1 1 31 SEP 2010 142 1 30 30 OCT 2010 132 1 31 31 Totals:	NOV 2009		112			1	30
10tals:	DEC 2009		112			1	31
JAN 2010 232 1 31 FEB 2010 1 221 1 28 MAR 2010 214 1 31 APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 1 1 31 30 OCT 2010 142 1 1 30 Totals:			069				
JAN 2010 232 1 31 FEB 2010 1 221 1 28 MAR 2010 214 1 31 APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 142 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	2009	2	908				
FEB 2010 1 221 1 28 MAR 2010 214 1 31 APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 142 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 31 Totals:	JAN 2010		232			1	31
MAR 2010 214 1 31 APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 142 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 31 31 Totals:	FFB 2010	1	232			1	28
APR 2010 179 1 30 MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 142 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	MAR 2010	I	214			1	31
MAY 2010 60 1 31 JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 16 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	APR 2010		179			1	30
JUN 2010 50 1 30 JUL 2010 16 1 1 31 AUG 2010 1 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	MAY 2010		60			1	31
JUL 2010 16 1 31 AUG 2010 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	IUN 2010		50			1	30
AUG 2010 1 1 31 AUG 2010 1 1 31 SEP 2010 142 1 1 30 OCT 2010 132 1 1 31 Totals:	IUL 2010		16	1		1	31
SEP 2010 142 1 31 OCT 2010 132 1 1 30 Totals: 4 1 31	AUG 2010		1	1		1	31
OCT 2010 132 1 30 Totals:	SEP 2010		142	1		1	30
Totals: 132 1 1 31 2010 1 1,247 4 4	OCT 2010		192	1		1	31
2010 1 1,247 4	Totale		1.52	1		I	16
	2010	1	1 247	<u>/</u>			
	2010	1	1,277	т			





Brooks, David K., EMNRD

From:	Brooks, David K., EMNRD
Sent:	Tuesday, April 12, 2011 3:43 PM
То:	'Tafoya, Crystal'
Cc:	Jones, William V., EMNRD
Subject:	ConocoPhillips Omler A #3E; DHC Application

Dear Ms. Tafoya

There is a problem with this application concerning pressure data. Paragraph (3) of Rule 12.11.A requires proof that the pressures from the lower formations will not exceed the fracture parting pressure in the upper formation if the bottom perforation is at a depth greater than 150% of the depth of the highest perf, as it is here. The rule further states that the fracture parting pressure is assumed to be 0.65 times depth unless the operator furnishes information establishing a different pressure. Here that formula would result in a calculated fracture parting pressure for the FC of 1,105psi; whereas your reported pressure for the Chacra is 1,250psi. We will need data to establish that the commingling will not result in pressures exceeding the parting pressure of the FC.

Thanks

David K. Brooks

Brooks, David K., EMNRD

From: Sent: To: Cc: Subject: Tafoya, Crystal [Crystal.Tafoya@conocophillips.com] Monday, April 18, 2011 7:39 AM Brooks, David K., EMNRD Jones, William V., EMNRD RE: ConocoPhillips Omler A #3E; DHC Application

David,

Below is the response from our reservoir engineer. Please let me know if you need more documentation or information.

I looked at the physical well file for the Omler 07 (not in WellView, Omler #7 in WellView is a different well), which was completed in the FC in 1991 in the same quarter section has the Omler A #3E and ceased production in 1997. There is a pressure record from the stimulation on the FC (1694'-1816') that has an ISIP of 1595psi. According to Ross Martin(engineer) fracturing pressure can be determined from ISIP by multiplying it by 0.85, which would give us a fracture pressure of 1356 psi, which would give us a fracture gradient of 0.8003 psi/ft and a parting pressure in the A #3E of 1361 psi at 1700'.

Thank you,

Crystal Tafoya (505) 326-9837

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Tuesday, April 12, 2011 3:43 PM
To: Tafoya, Crystal
Cc: Jones, William V., EMNRD
Subject: ConocoPhillips Omler A #3E; DHC Application

Dear Ms. Tafoya

There is a problem with this application concerning pressure data. Paragraph (3) of Rule 12.11.A requires proof that the pressures from the lower formations will not exceed the fracture parting pressure in the upper formation if the bottom perforation is at a depth greater than 150% of the depth of the highest perf, as it is here. The rule further states that the fracture parting pressure is assumed to be 0.65 times depth unless the operator furnishes information establishing a different pressure. Here that formula would result in a calculated fracture parting pressure for the FC of 1,105psi; whereas your reported pressure for the Chacra is 1,250psi. We will need data to establish that the commingling will not result in pressures exceeding the parting pressure of the FC.

Thanks

David K. Brooks