DATE IN 3.24.11	SUSPENSE	ENGINEER DKB.	LOGGED IN 3.24.11	TYPE DHC	APP NO. 1108330446

PTGW

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

Conocophillips
2178 17
Omler A #3E

ADMINISTRATIVE APPLICATION CHECKLIST 30-045-24080

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

4368

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-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 OF APPLICATION** - Check Those Which Apply for [A]

Fed
S.J.

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or (Does Not Apply)

[A] ☐ Working, 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 ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION 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	Crystal Tafoya	Staff Regulatory Tech	3/23/11
Print or Type Name	Signature	Title	Date

crystal.tafoya@conocophillips.com
e-mail Address

Omler A 3E

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
__X__ Single Well
____ Establish Pre-Approved Pools
EXISTING WELLBORE
__X__ Yes ____ No

ConocoPhillips Company — Operator
P.O.Box 4289 Farmington, NM 87499 — Address

Omler A — Lease
3E — Well No.
Unit O, Sec. 26, 028N, 010W — Unit Letter-Section-Township-Range
SAN JUAN — 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 or 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? Yes__X__ No_____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes_____ No_____

Are all produced fluids from all commingled zones compatible with each other? Yes__X__ No_____

Will commingling decrease the value of production? Yes_____ No__X__

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__X__ 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 _____ TITLE Engineer DATE 3/21/11

TYPE OR PRINT NAME Bill Akwari, Engineer TELEPHONE NO. (505) 326-9700

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.

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 IV
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

Form C-102
Permit 126589

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name	
30-045-24080	71629	BASIN FRUITLAND COAL (GAS)	
4. Property Code	5. Property Name		6. Well No.
31845	OMLER A		003E
7. OGRID No.	8. Operator Name		9. Elevation
217817	CONOCOPHILLIPS COMPANY		5811

10. Surface Location

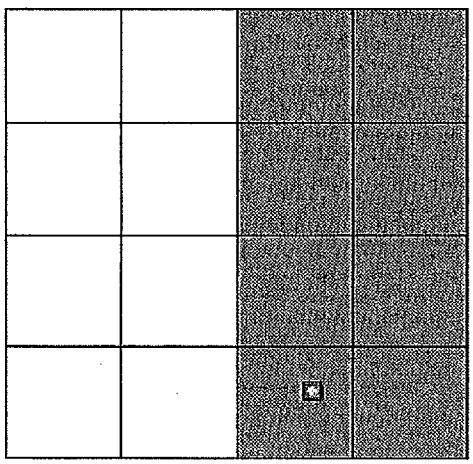
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	26	28N	10W		810	S	1810	E	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
320.00 E/2			

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



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. Crystal Tafoya 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

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
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1000 Rio Brazos Rd., Aztec, NM 87410
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

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

Form C-102
Permit 126589

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-045-24080	77200	FULCHER KUTZ PICTURED CLIFFS (GAS)

4. Property Code	5. Property Name	6. Well No.
31845	OMLER A	003E

7. OGRID No.	8. Operator Name	9. Elevation
217817	CONOCOPHILLIPS COMPANY	5811

10. Surface Location

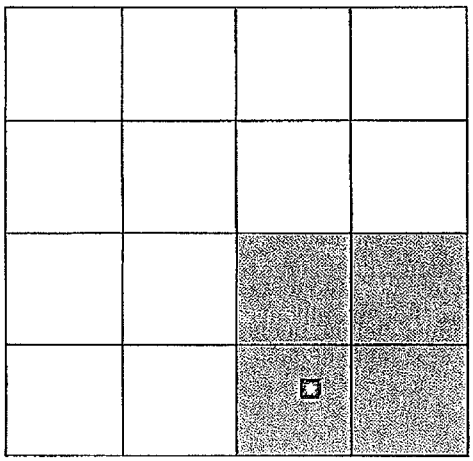
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	26	28N	10W		810	S	1810	E	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
160.00 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



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. Crystal Tafoya 2/1/2011

E-Signed By: Crystal Tafoya
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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
TENNECO OIL COMPANY	CHLER "A"	3-E

Unit Letter	Section	Township	Range	County
O	26	28N	10W	San Juan

Actual Footage Location of Well:
810 feet from the South line and 1810 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
5811	Dakota	Basin Dakota	320.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

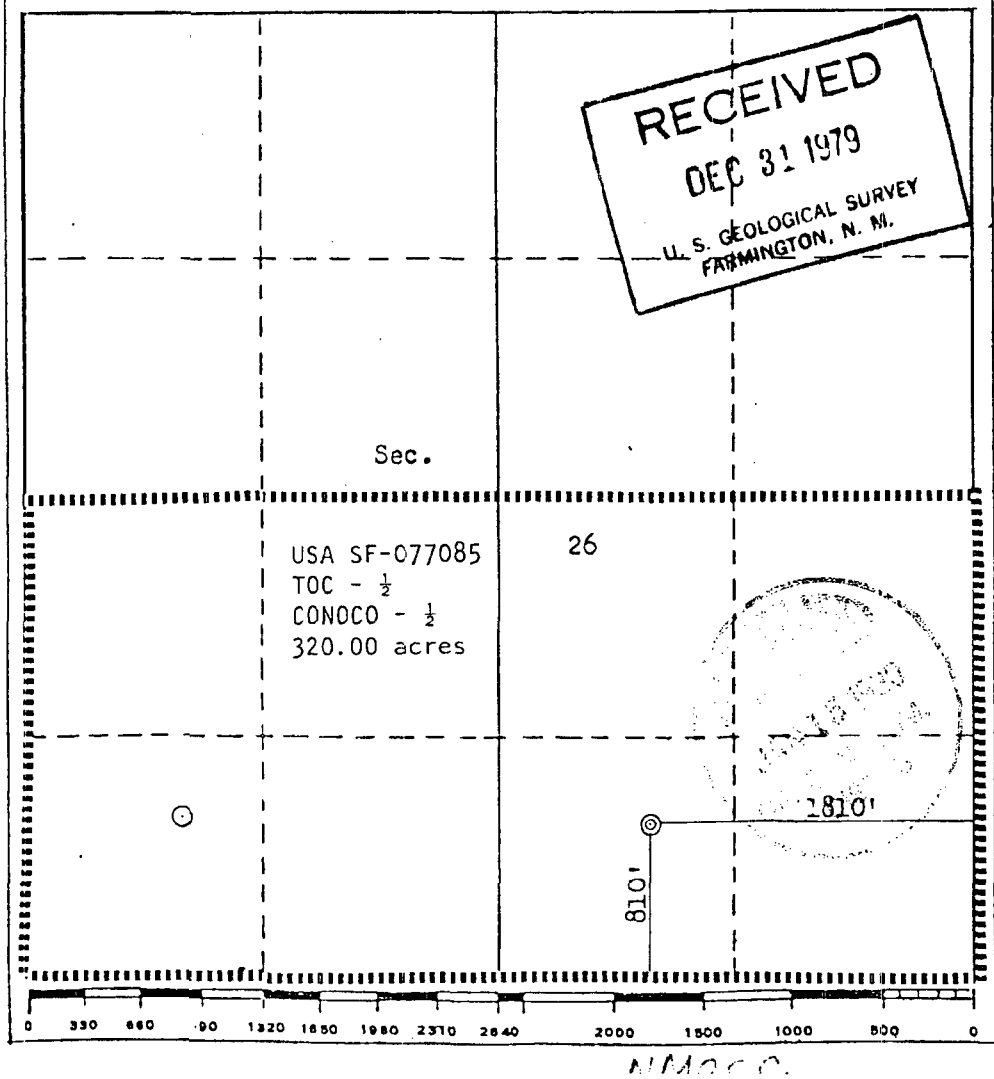
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

M. A. Sherman

Name: Staff Production Analyst

Position: TENNECO OIL COMPANY

Company: 12-7-79

Date

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 knowledge and belief.

Date Surveyed: September 27, 1979

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950

NMOCC

Summary Production Report

Lease Name:	**OMLER A**		
Lease Number:	022420	Cum Oil:	1,041
Operator Name:	CONOCOPHILLIPS COMPANY	Cum Gas:	278,292
State:	NEW MEXICO	Cum Water:	288
County:	SAN JUAN	First Production Date:	JUL 1981
Field:	OTERO	Last Production Date:	OCT 2010
Production ID:	SUM0430452408082329		
Reservoir Name:	CHACRA		
Prod Zone:	CHACRA		
Basin Name:	SAN JUAN BASIN		
Status:	ACTIVE GAS		

Annual Production **(30 years)**

Year	Oil BBLS	Gas MCF	Water BBLS
Beginning Cum:			
1981		27,420	
1982		19,851	
1983		18,034	
1984		13,190	
1985		11,964	
1986		13,642	
1987		11,682	
1988		9,450	
1989		13,388	74
1990	292	9,899	30
1991	109	9,687	
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		6,364	30
2001	18	9,441	
2002		5,430	
2003	3	3,159	
2004		4,294	
2005	1	1,159	
2006		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		1	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
Totals: 1983		18,034			
JAN 1984		1,407		1	31
FEB 1984		1,147		1	21
MAR 1984		1,267		1	31
APR 1984		1,473		1	30
MAY 1984		1,217		1	27
JUN 1984		1,028		1	30
JUL 1984		962		1	31
AUG 1984		1,008		1	31
SEP 1984		854		1	30
OCT 1984		774		1	31

NOV	1984	644		1	30
DEC	1984	1,409		1	31
Totals:					
	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		1	31
Totals:					
	1986	13,642			
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		418		1	9
SEP	1988		1,436		1	30
OCT	1988		958		1	31
NOV	1988		5		1	1
DEC	1988				1	
	Totals:					
	1988		9,450			
JAN	1989		1,368		1	21
FEB	1989		383		1	15
MAR	1989		1,611		1	25
APR	1989		1,444	10	1	30
MAY	1989		507	2	1	17
JUN	1989		378		1	
JUL	1989		1,995	3	1	29
AUG	1989		1,873	5	1	28
SEP	1989		1,011	4	1	25
OCT	1989		972	30	1	31
NOV	1989		861	10	1	30
DEC	1989		985	10	1	18
	Totals:					
	1989		13,388	74		
JAN	1990		1,014	30	1	31
FEB	1990	5	769		1	28
MAR	1990	58	883		1	31
APR	1990	34	827		1	30
MAY	1990	39	890		1	29
JUN	1990		857		1	30
JUL	1990	65	689		1	27
AUG	1990	14	1,033		1	29
SEP	1990	4	770		1	25
OCT	1990	51	35		1	
NOV	1990	12	1,371		1	30
DEC	1990	10	761		1	28
	Totals:					
	1990	292	9,899	30		
JAN	1991	7	875		1	22
FEB	1991	39	679		1	19
MAR	1991		1,010		1	31
APR	1991		931		1	30
MAY	1991		787		1	25
JUN	1991		840		1	30
JUL	1991		732		1	26
AUG	1991		885		1	24
SEP	1991		908		1	30
OCT	1991	28	815		1	31
NOV	1991	35	820		1	27
DEC	1991		405		1	15
	Totals:					
	1991	109	9,687			
JAN	1992	39	990		1	24
FEB	1992	1	554		1	13
MAR	1992	27	783		1	25
APR	1992	23	834		1	30

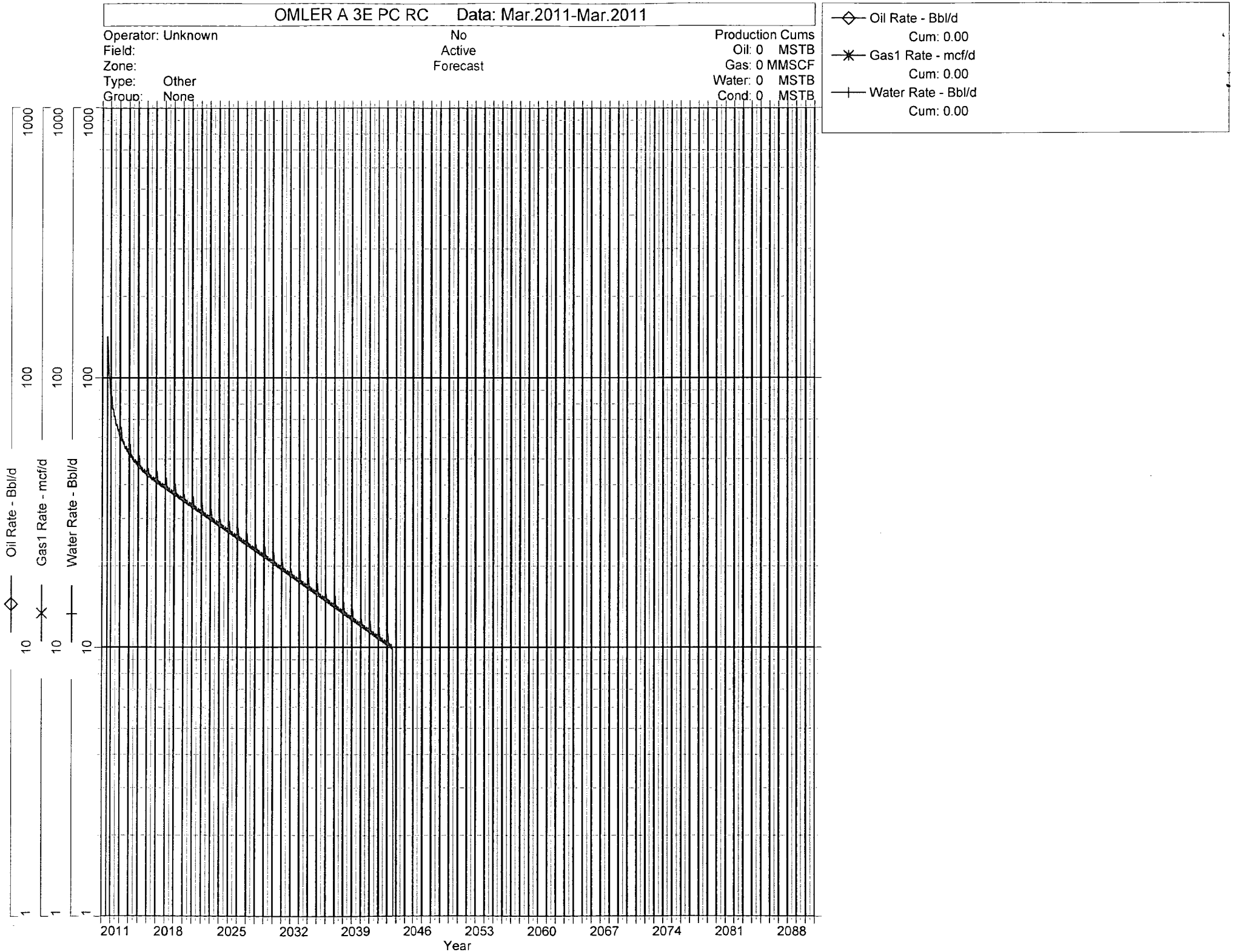
MAY 1992		884		1	28
JUN 1992		844		1	30
JUL 1992		1,124		1	31
AUG 1992		972		1	31
SEP 1992	3	994		1	25
OCT 1992		865		1	31
NOV 1992		1,027		1	30
DEC 1992		453		1	24
Totals:					
1992	93	10,324			
JAN 1993		1,129		1	31
FEB 1993		810		1	28
MAR 1993		900		1	31
APR 1993		735		1	30
MAY 1993		844		1	31
JUN 1993		690		1	30
JUL 1993		770		1	31
AUG 1993		653		1	31
SEP 1993		829		1	26
OCT 1993		902		1	30
NOV 1993		617		1	30
DEC 1993		713		1	31
Totals:					
1993		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:					
1994	27	21,978			
JAN 1995		402		1	31
FEB 1995	65	882		1	28
MAR 1995		679		1	31
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			
JAN 1996	73	630		1	31

FEB 1996		575		1	29
MAR 1996		598		1	31
APR 1996		614		1	30
MAY 1996		568		1	31
JUN 1996	6	201		1	30
JUL 1996		283		1	31
AUG 1996		243		1	31
SEP 1996		494		1	19
OCT 1996		753		1	31
NOV 1996		712		1	30
DEC 1996	13	696	20	1	31
Totals:					
1996	92	6,367	20		
JAN 1997		691	80	1	31
FEB 1997		635		1	28
MAR 1997		626		1	31
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
NOV 1997		962		1	30
DEC 1997	62	786		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	31
NOV 1998		512		1	30
DEC 1998		828		1	31
Totals:					
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:					

1999	8	9,370			
JAN 2000		614		1	31
FEB 2000		415		1	29
MAR 2000		436		1	31
APR 2000		395		1	30
MAY 2000		382		1	31
JUN 2000		408		1	30
JUL 2000		524		1	31
AUG 2000		445		1	31
SEP 2000		562		1	30
OCT 2000		558		1	31
NOV 2000		801	30	1	30
DEC 2000		824		1	31
Totals:					
2000		6,364	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			
JAN 2002		650		1	31
FEB 2002		544		1	28
MAR 2002		470		1	31
APR 2002		395		1	30
MAY 2002		445		1	31
JUN 2002		435		1	30
JUL 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			
JAN 2003		239		1	31
FEB 2003	3	112		1	28
MAR 2003		597		1	31
APR 2003		604		1	30
MAY 2003		395		1	31
JUN 2003		601		1	30
JUL 2003		545		1	31
AUG 2003		2		1	31
SEP 2003		4		1	30
OCT 2003		3		1	31

NOV 2003		2		1	30
DEC 2003		55		1	31
Totals:					
2003	3	3,159			
JAN 2004		392		1	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
JUL 2004		265		1	31
AUG 2004		769		1	31
SEP 2004		623		1	30
OCT 2004		738		1	31
NOV 2004		382		1	30
DEC 2004		453		1	31
Totals:					
2004		4,294			
JAN 2005		524		1	31
FEB 2005		144		1	28
MAR 2005				1	
APR 2005		15		1	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	1,159			
JAN 2006		45		1	8
FEB 2006				1	
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		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	30
MAY 2007		49		1	31
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

NOV 2007		18			1	30
DEC 2007	1	158			1	27
Totals:						
2007	1	1,185				
JAN 2008		54			1	31
FEB 2008		60			1	28
MAR 2008		96			1	31
APR 2008		137			1	30
MAY 2008		45			1	8
JUN 2008					1	
JUL 2008					1	
AUG 2008	1				1	31
SEP 2008		1			1	3
OCT 2008		221			1	31
NOV 2008		111			1	22
DEC 2008	6	123			1	30
Totals:						
2008	7	848				
JAN 2009		185			1	31
FEB 2009		37			1	28
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		114			1	31
NOV 2009		112			1	30
DEC 2009		112			1	31
Totals:						
2009	2	968				
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		1	31
SEP 2010		142	1		1	30
OCT 2010		132	1		1	31
Totals:						
2010	1	1,247	4			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Field:
Zone:
Type: Other
Group: None
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Active
Forecast
Production Cums
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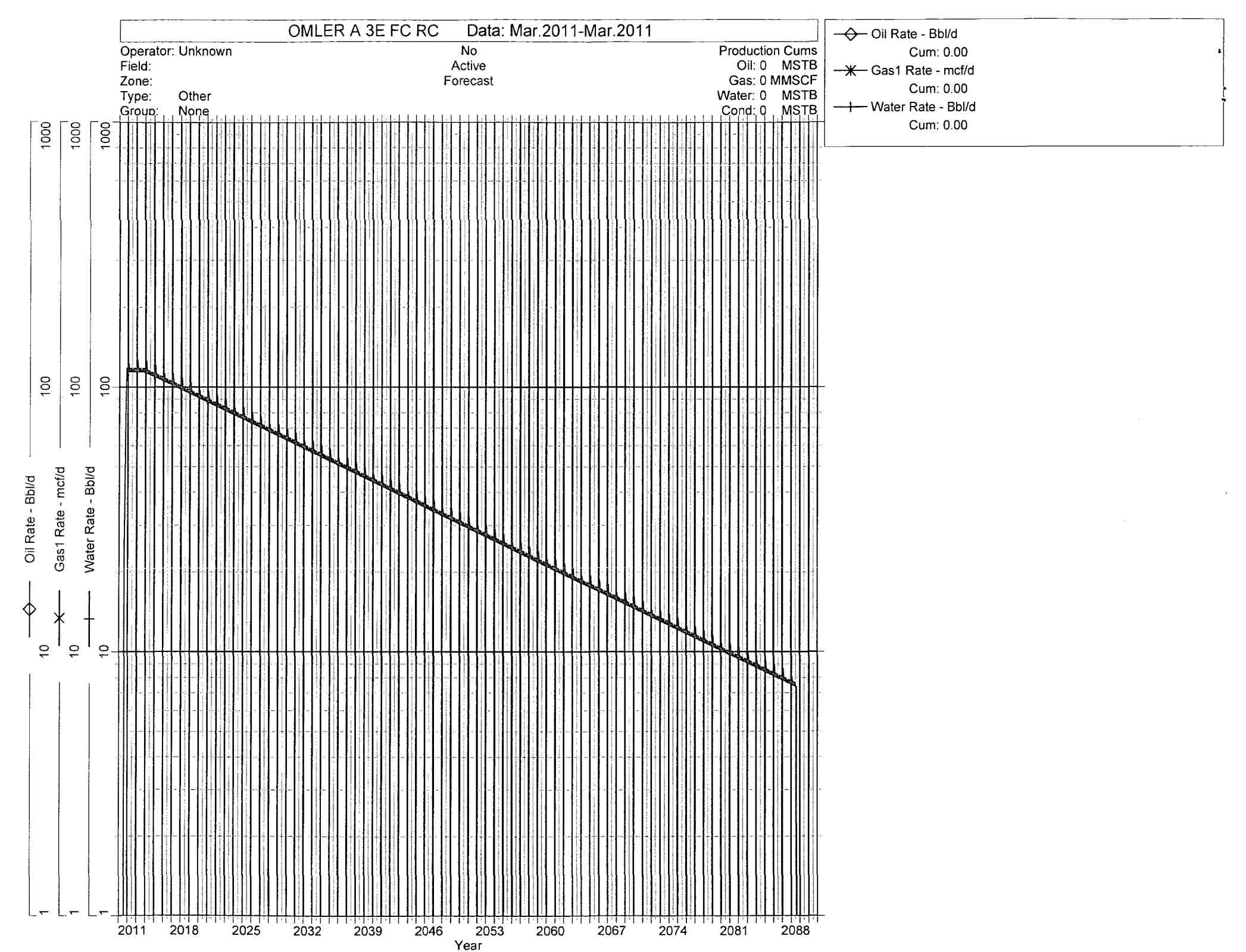
Gas: 0 MMSCF
Water: 0 MSTB
Cond: 0 MSTB
Oil Rate - Bbl/d
Cum: 0.00
Gas1 Rate - mcf/d
Cum: 0.00
Water Rate - Bbl/d
Cum: 0.00
1000
100
10
1
2011
2018
2025
2032
2039
2046
2053
2060
2067
2074
2081
2088
Year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Operator: Unknown
Field:
Zone:
Type: Other
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 0 MMSCF
Water: 0 MSTB
Cond: 0 MSTB
Oil Rate - Bbl/d
Cum: 0.00
Gas1 Rate - mcf/d
Cum: 0.00
Water Rate - Bbl/d
Cum: 0.00
1000
100
10
1
2011
2018
2025
2032
2039
2046
2053
2060
2067
2074
2081
2088
Year

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
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

Brooks, David K., EMNRD

From: Tafoya, Crystal [Crystal.Tafoya@conocophillips.com]
Sent: Monday, April 18, 2011 7:39 AM
To: Brooks, David K., EMNRD
Cc: Jones, William V., EMNRD
Subject: 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