

Well construction data sheet population  
 (type wells) Submit 3 Copies To  
 Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 May 27, 2004

RECEIVED  
 MAR 07 2011  
 HOBBS

OIL CONSERVATION DIVISION

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

WELL API NO. <b>30-025-39972</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>W.T. McComack</b>
8. Well Number <b>31</b>
9. OGRID Number <b>4323</b>
10. Pool name or Wildcat <b>Blinebry/Tubb</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  Oil Well  Gas Well  Other

2. Name of Operator  
**Chevron U.S.A. Inc.**

3. Address of Operator  
**15 Smith Road Midland, TX 79705**

4. Well Location  
 Unit Letter G : 2,080 feet from the North line and 1980 feet from the East line  
 Section 32 Township 21S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3,459' (GL)**

Pit or Below-grade Tank Application  or Closure

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <b>DHC Blinebry/Tubb</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

UNDER THE PROVISION OF RULE 303C (5) IT IS PROPOSED TO DOWNHOLE COMMINGLE PRE-APPROVED POOLS, BLINEBRY OIL & GAS (6660) (5550 - 5925'), AND TUBB OIL & GAS (60240) (6090 - 6250'), IN THE CAPTIONED WELL. PRODUCTION WILL BE ALLOCATED BACK TO THE TWO POOLS BASED ON THE PERCENTAGES SHOWN IN THE ATTACHED SUPPORT DATA.

**HOB-DHC-443**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit  or an (attached) alternative OCD-approved plan .

SIGNATURE  TITLE Petroleum Engineer DATE 3/01/2011  
 Type or print name Oscar Galvis E-mail address: ogaq@chevron.com Telephone No. 713-372-0095  
**For State Use Only**

APPROVED BY:  TITLE PETROLEUM ENGINEER DATE MAR 8 2011  
 Conditions of Approval (if any): \_\_\_\_\_

**Request for exemption to rule 303-A**  
**FOR WELLS LOCATED IN PRE-APPROVED POOLS OR AREAS**

**Operator**

Chevron U.S.A., Inc.  
 15 Smith Road  
 Midland, TX 79705

**Lease Name and Well Number**

McComack #31  
 30-025-39972  
 2080' FNL & 1980' FEL, Unit Letter G  
 Section 32, T21S, R37E  
 Lea County, New Mexico

**Division Order**

Pre-approved Pools or Areas established by division order # R-11363

**Pools To Be Commingled In McComack #31**

(6660) Blinebry Oil & Gas (OIL)  
 (60240) Tubb Oil & Gas (OIL)

**Perforated Intervals**

Blinebry Oil & Gas (5550 - 5925')  
 Tubb Oil & Gas (6090 - 6250')

**Location Plat**

Attached

**Well Test Report & Production Plots**

Attached.

**Product Characteristics And Value**

Previous commingling of these zones by Chevron and other operators in the area have shown that the produced fluids are compatible and commingling will not cause formation damage or producing problems. Also, the price received by Chevron for products from these zones is very similar, so value will not be adversely affected.

**Production Allocation**

<u>Pool</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>Remarks</u>
Blinebry	18	48	274	Estimated from IP statistical analysis from Blinebry offset wells
Tubb	13	32	205	Estimated from IP statistical analysis from Tubb offset wells
<b>Totals</b>	<b>26</b>	<b>80</b>	<b>480</b>	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Blinebry	56	60	57	Estimated from EUR statistical analysis of Blinebry offset wells
Tubb	44	40	43	Estimated from EUR statistical analysis of Tubb offset wells
<b>Totals</b>	<b>100</b>	<b>100</b>	<b>100</b>	

**Ownership**

Ownership of all zones is identical so correlative rights will not be compromised.

**State / Federal Land Notification**

This is a Fee lease

Well: **WT McComack # 31**

Field: **Blinebry Oil & Gas**

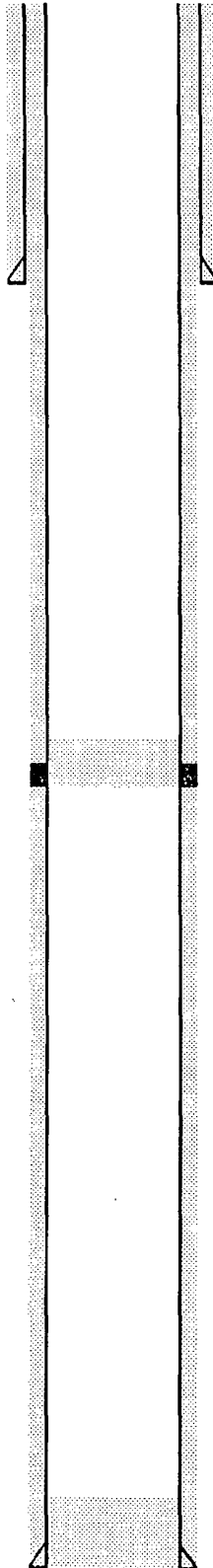
Reservoir: **Blinebry & Tubb**

**Tubb Oil & Gas**  
**Current**  
**Wellbore Diagram**

**Location:**  
2080' FSL & 1980' FWL  
Section: 32  
Township: 21S  
Range: 37E  
County: Lea State: NM

**Elevations:**  
GL: 3459'  
KB: 3475'  
DF:

**Well ID Info:**  
Chevno: MV9294  
API No: 30-025-39972  
L5/L6:  
Spud Date: 2/5/2011  
Compl. Date:



**Surf. Csg:** 8 5/8", 24#, J-55  
**Set:** @ 1228' w/ 640 sks  
**Hole Size:** 12 1/4"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

DV Tool @ 3838

**COTD:** unknown  
**PBTD:** 6215' (float collar)  
**TD:** 6300'

**Updated:** 2/21/2011

**By:** N. Southern

**Prod. Csg:** 5 1/2", 17#, L-80  
**Set:** @ 6297' w/ 1325 sks  
**Hole Size:** 7 7/8"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

Well: **WT McComack # 31**

Field: **Blinebry Oil & Gas  
Tubb Oil & Gas**

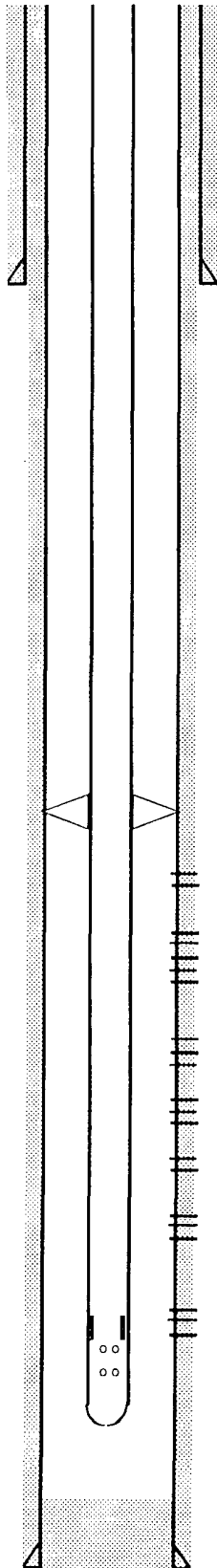
Reservoir: **Blinebry & Tubb**

**Location:**  
2080' FSL & 1980' FWL  
Section: 32  
Township: 21S  
Range: 37E  
County: Lea State: NM

**Elevations:**  
GL: 3459'  
KB: 3475'  
DF:

**Proposed  
Wellbore Diagram**

**Well ID Info:**  
Chevno: MV9294  
API No: 30-025-39972  
L5/L6:  
Spud Date: 2/5/2011  
Compl. Date:



**Surf. Csg:** 8 5/8", 24#, J-55  
**Set:** @ 1228' w/ 640 sks  
**Hole Size:** 12 1/4"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Tubing Detail:**

#Jts:	Size:	Footage
	KB Correction	16.00
116	Jts. 2 7/8" EUE 8R J-55 Tbg	3596.00
	TAC	3.15
14	Jts. 2 7/8" EUE 8R J-55 Tbg	434.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
<b>132</b>	<b>Bottom Of String &gt;&gt;</b>	<b>4116.75</b>

**Perfs:** **Status:**  
*Perfs will be picked after conducting logs.*

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

COTD: unknown  
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By: N. Southern

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**Set:** @ 6297' w/ 1325 sks  
**Hole Size:** 7 7/8"  
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**TOC By:** Circulated

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised March 17, 1999

**RECEIVED**  
**SOIL CONSERVATION DIVISION**

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

MAR 07 2011  
HOBBSOCD  
2040 South Pacheco  
Santa Fe, NM 87505

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-39972		<sup>2</sup> Pool Code 6660		<sup>3</sup> Pool Name Blinebry Oil & Gas	
<sup>4</sup> Property Code 2690		<sup>5</sup> Property Name W. T. McCOMACK			<sup>6</sup> Well Number 31
<sup>7</sup> OGRID No. 4323		<sup>8</sup> Operator Name Chevron U.S.A., Inc.			<sup>9</sup> Elevation 3,459' (GL)

<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
G	32	21S	37E		2,080	North	1980	East	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

	<p>17. OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature: <u>[Signature]</u> Oscar Galvis</p> <p>Printed Name: <u>Petroleum Engineer</u></p> <p>Date: <u>3/01/2011</u></p>
	<p>18. SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Signature and Seal of Professional Surveyor:</p> <p>_____ Certificate Number</p>

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised March 17, 1999

District II  
811 South First, Artesia, NM 88210

**REOIL CONSERVATION DIVISION**

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

2040 South Pacheco  
Santa Fe, NM 87505

District IV  
2040 South Pacheco, Santa Fe, NM 87505

MAR 07 2011  
HOBBSOCD

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-39972		<sup>2</sup> Pool Code 60240		<sup>3</sup> Pool Name Tubb Oil & Gas	
<sup>4</sup> Property Code 2690		<sup>5</sup> Property Name W. T. McCOMACK			<sup>6</sup> Well Number 31
<sup>7</sup> OGRID No. 4323		<sup>8</sup> Operator Name Chevron U.S.A., Inc.			<sup>9</sup> Elevation 3,459' (GL)

<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
G	32	21S	37E		2,080'	North	1980'	East	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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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

	<p>17 <b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature: </p> <p>Printed Name: <b>Oscar Galvis</b></p> <p>Date: <b>3/01/2011</b></p> <p>Printed Name: <b>Petroleum Engineer</b></p>
	<p>18 <b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>



District I  
1625 N. French Drive, Hobbs, NM 88249  
District II  
1501 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Bravo Road, Aztec, NM 87410  
Pools  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

**RECEIVED**  
**MAR 07 2011**  
**HOBSBUCD**

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved

**APPLICATION FOR DOWNHOLE COMMINGLING**

EXISTING WELLBORE  
 Yes  No

Chevron Corporation 15 Smith Road, Midland TX 79705  
Operator Address

W. T. McCormack #31 G-32-218-37E Lea  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 4323 Property Code: 2690 API No. 30-025-39972 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	MIDDLE ZONE	LOWER ZONE
Pool Name	Blinbery Oil & Gas	n/a	Tubb Oil & Gas
Pool Code	6660	n/a	60240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5550 - 5925' Perforated	n/a	6090 - 6250' Perforated
Method of Production (Flowing or Artificial Lift)	Artificial Lift	n/a	Artificial Lift
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)	n/a	n/a	n/a
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°	n/a	36°
Producing, Shut-In or New Zone	New Zone	n/a	New Zone
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: Estimated Oil Gas 18 BBL 274 MCF	Date: Estimated Oil Gas n/a n/a	Date: Estimated Oil Gas 13 BBL 205 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 56% 57%	Oil Gas n/a n/a	Oil Gas 44% 43%

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  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  No

Will commingling decrease the value of production? Yes  No

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  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 (Oscar Galvis) TITLE Petroleum Engineer DATE 3/1/11

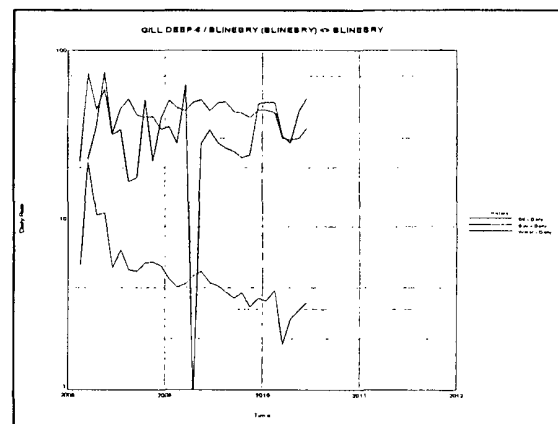
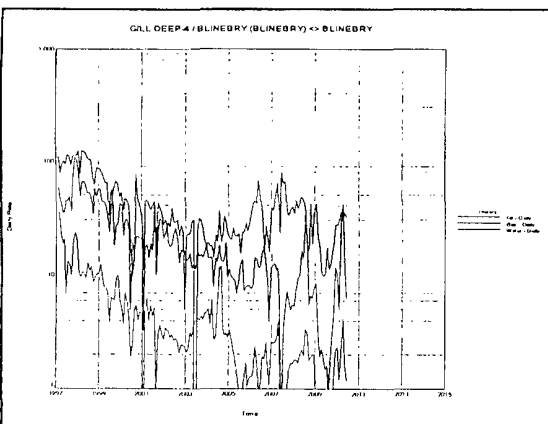
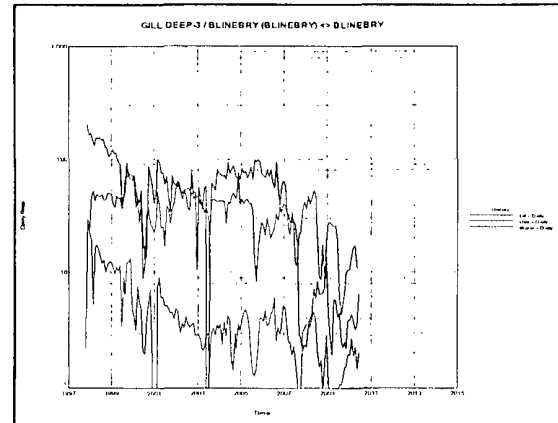
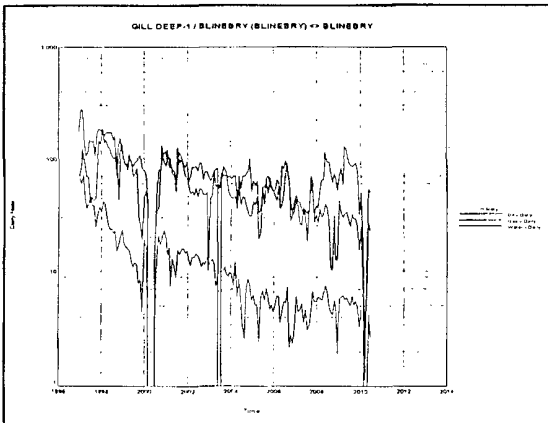
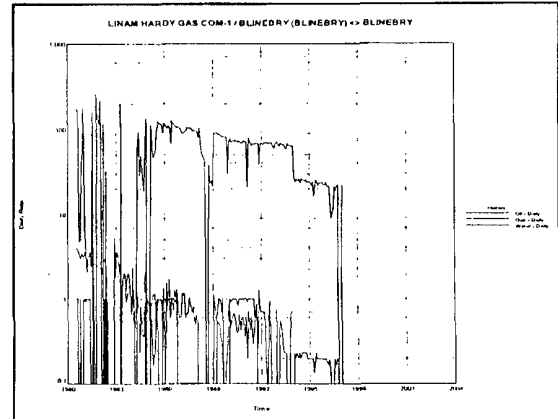
TYPE OR PRINT NAME: Oscar Galvis TELEPHONE NO. (713) 372-0095

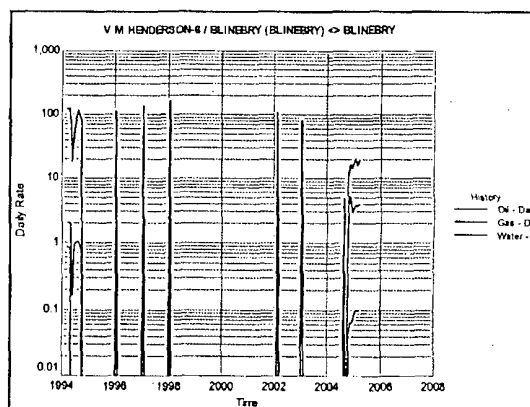
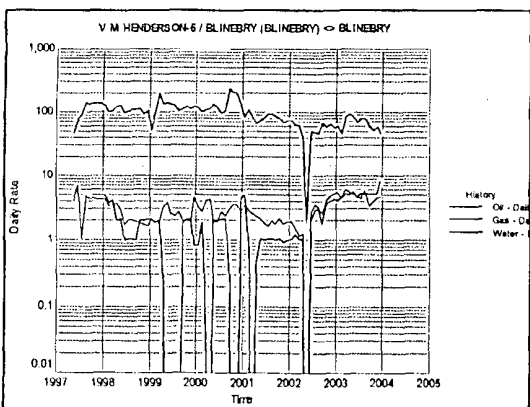
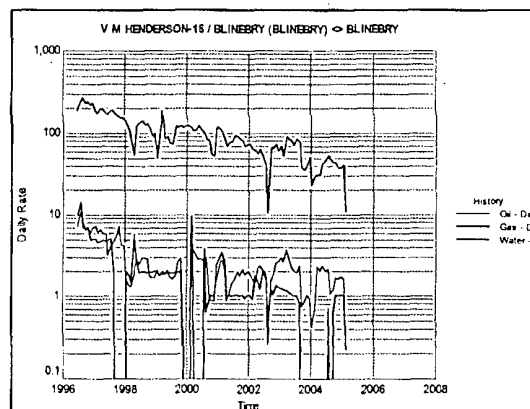
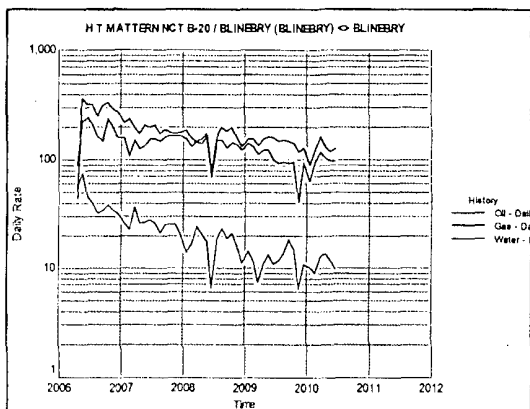
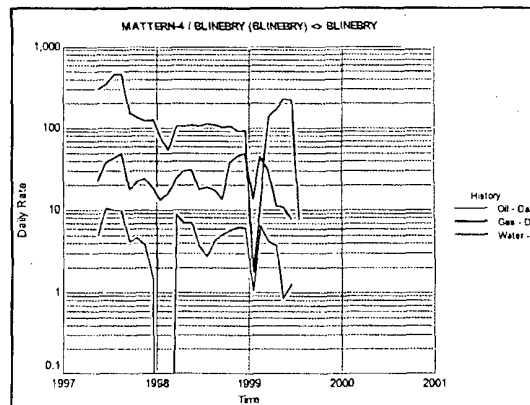
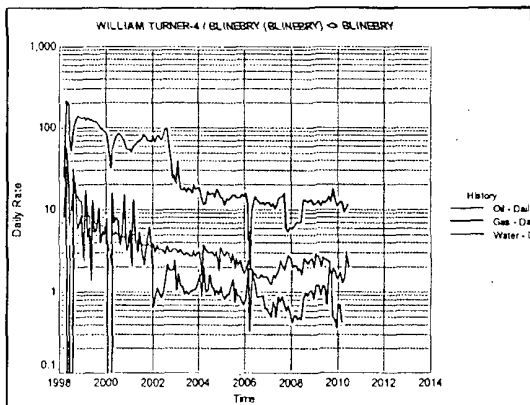
E-MAIL ADDRESS ogaq@chevron.com

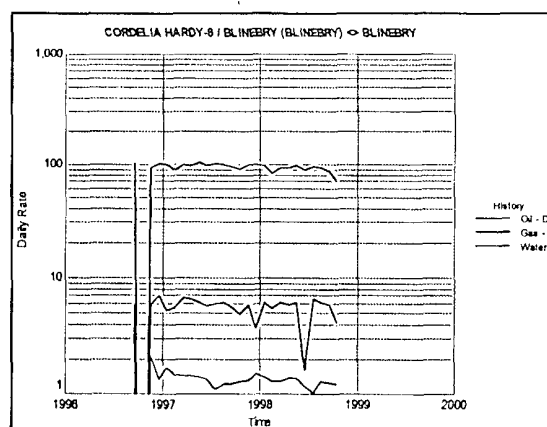
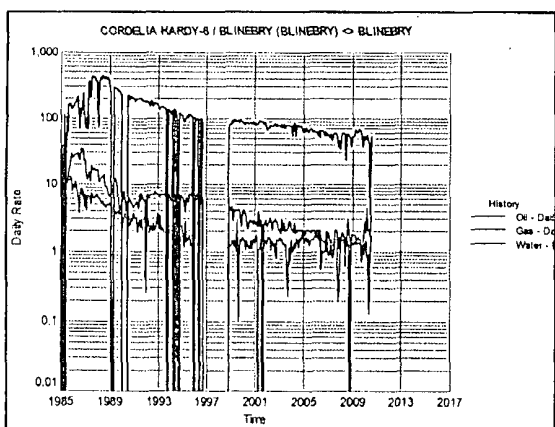
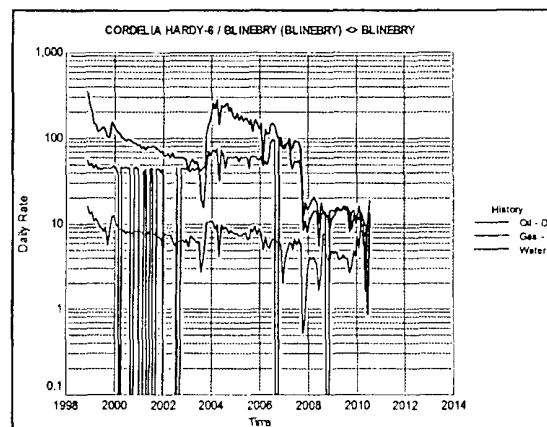
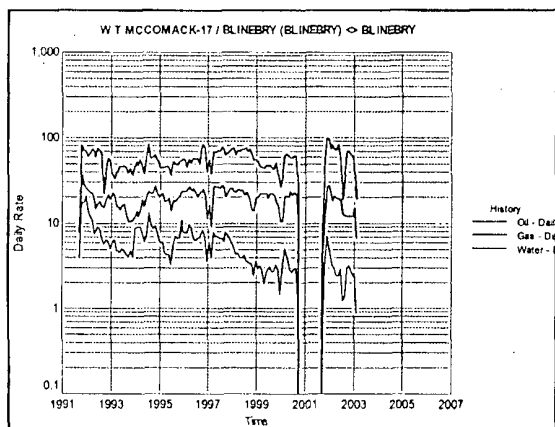
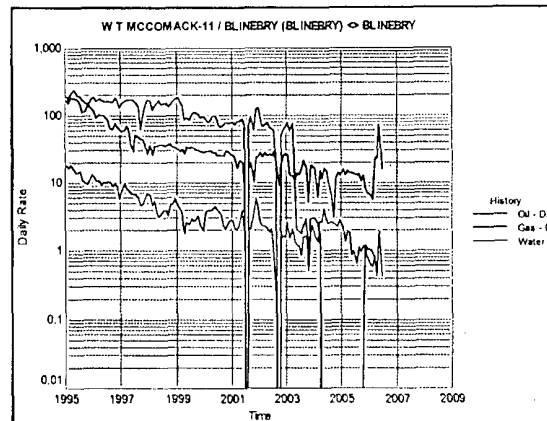
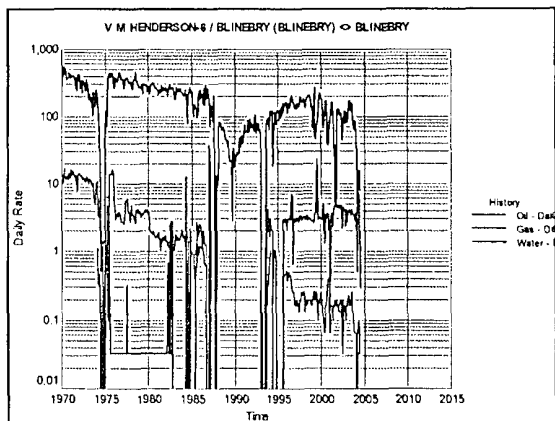


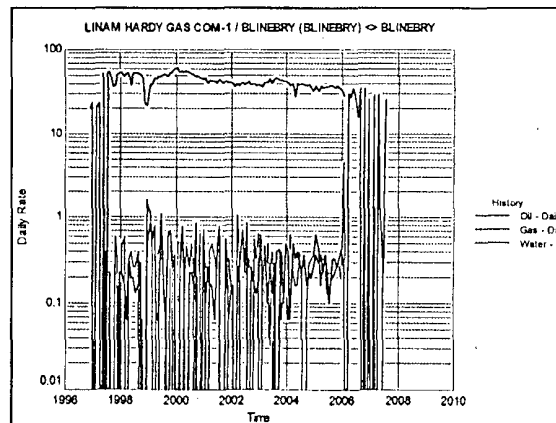
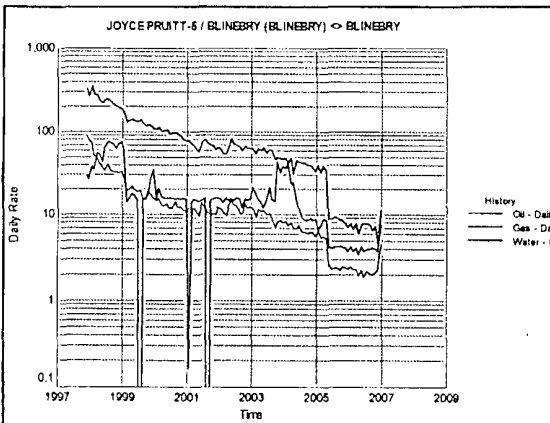
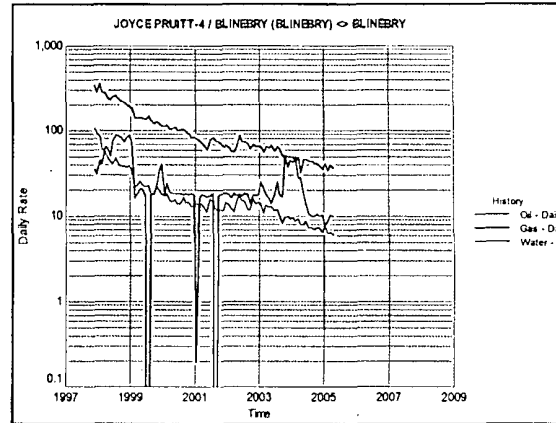
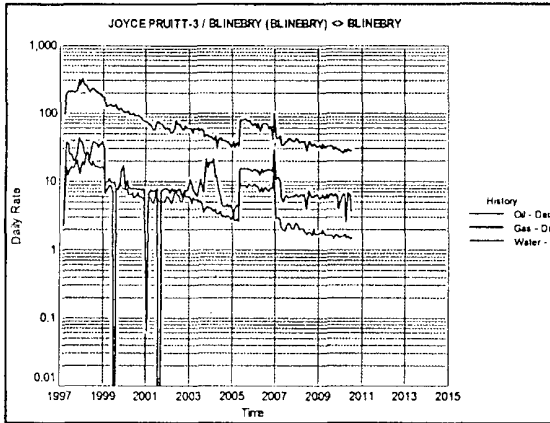
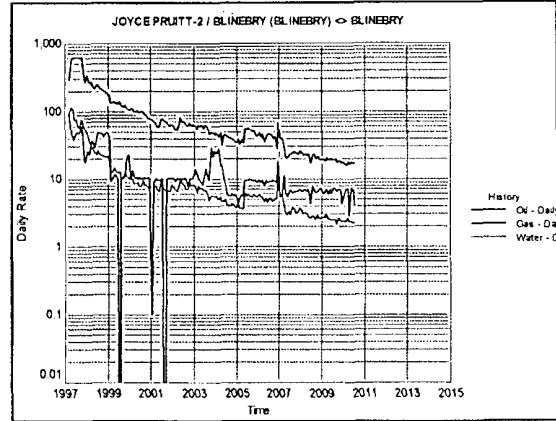
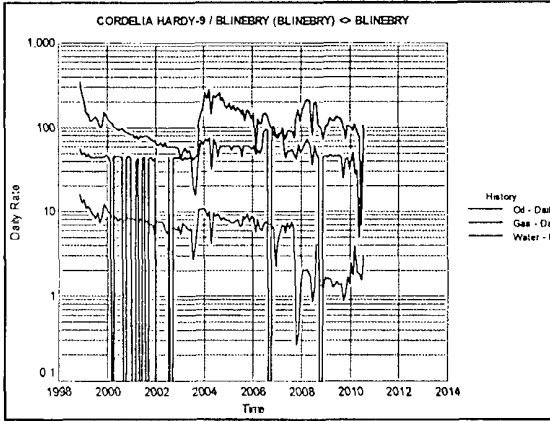
# EUNICE AREA OFFSET WELLS

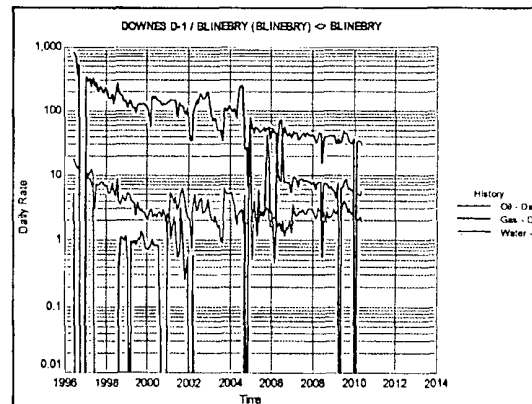
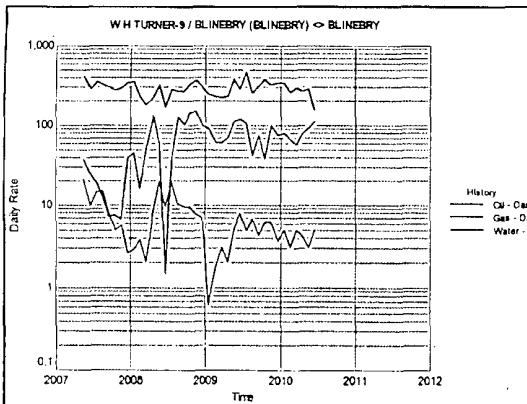
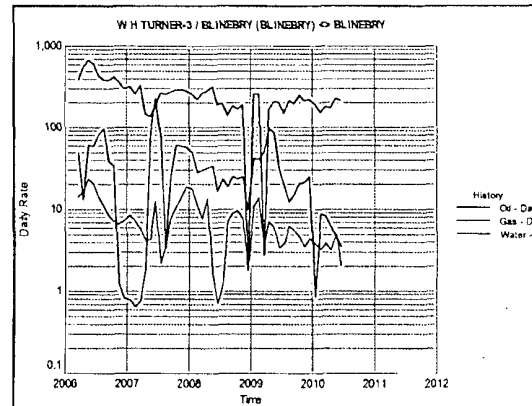
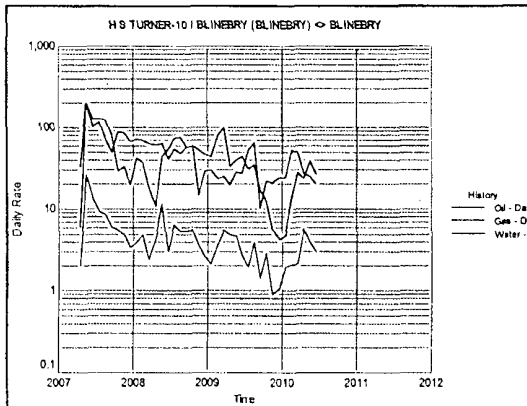
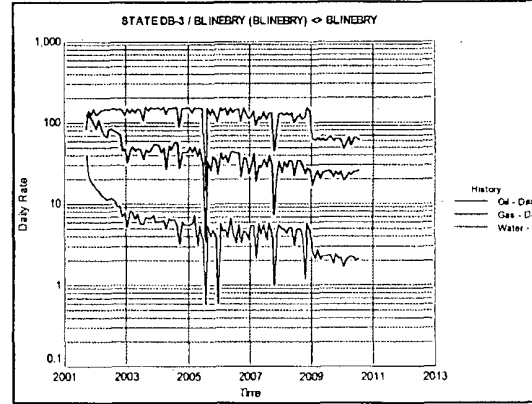
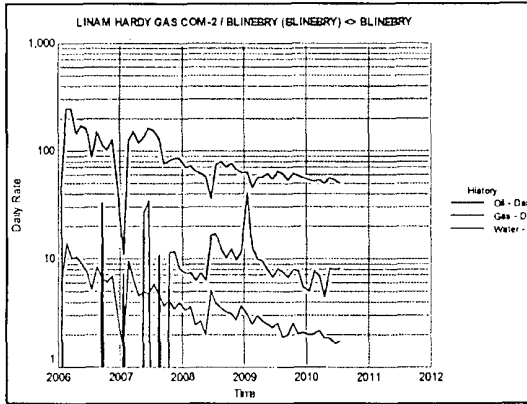
Blinebry Reservoir 3/11

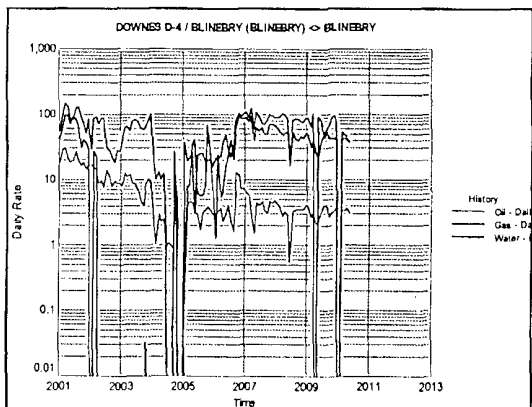
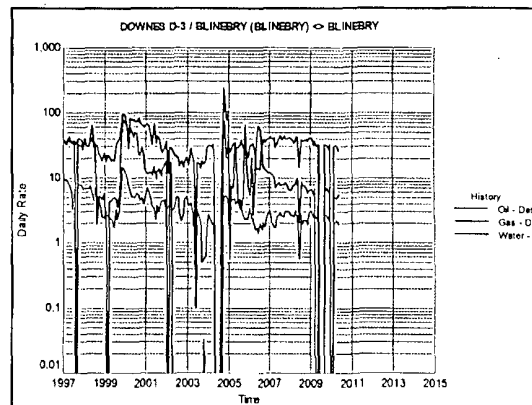
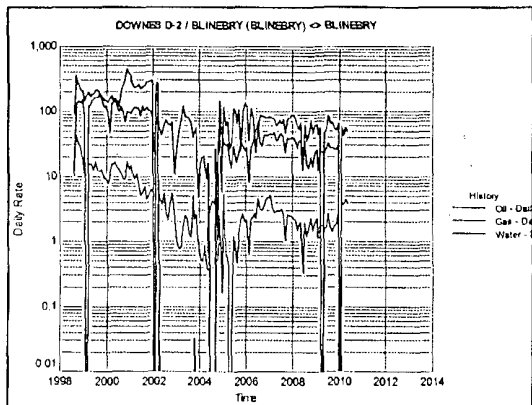






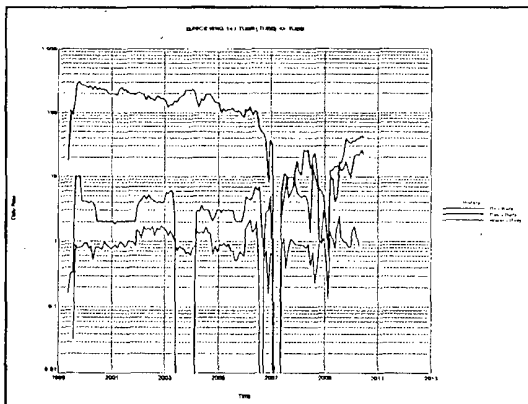
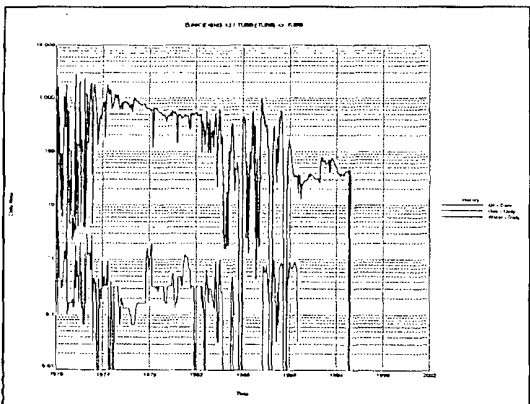
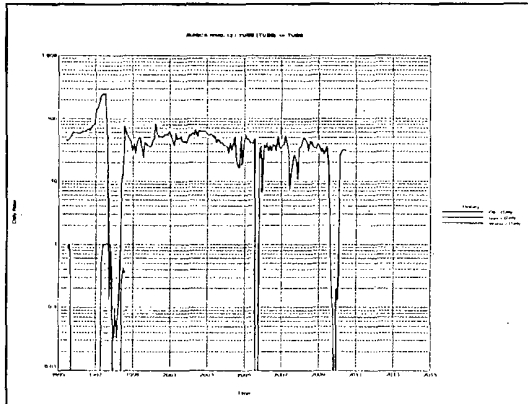
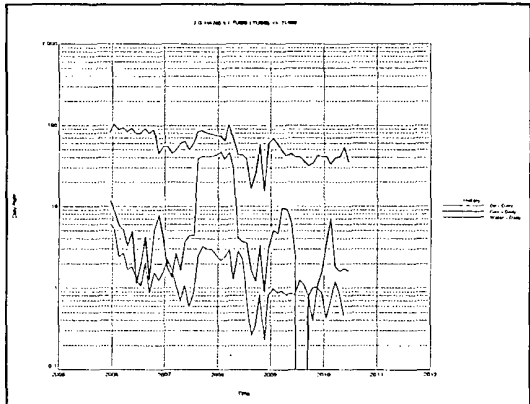
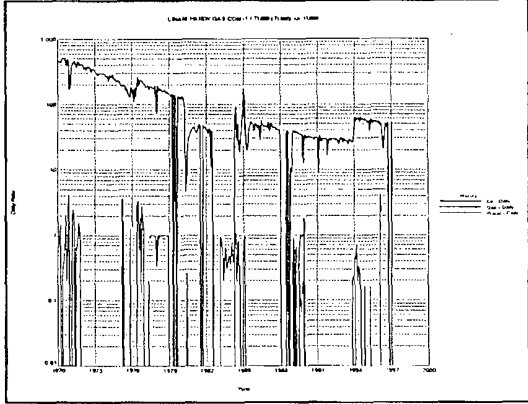


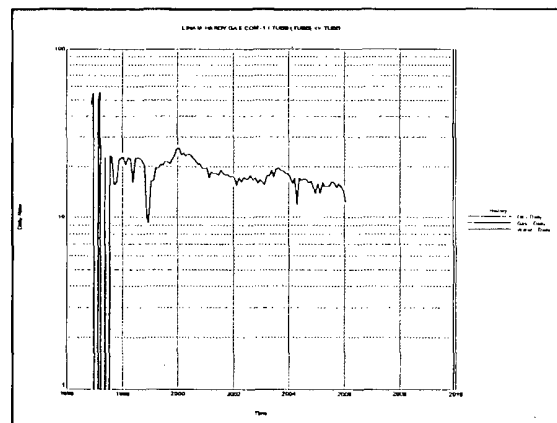
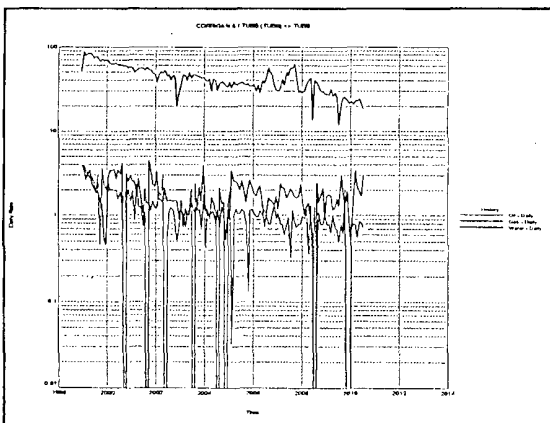
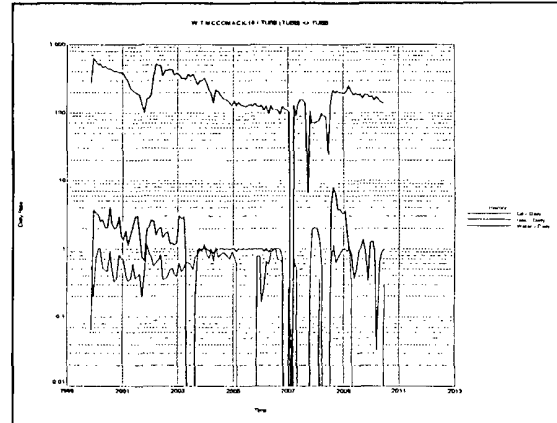
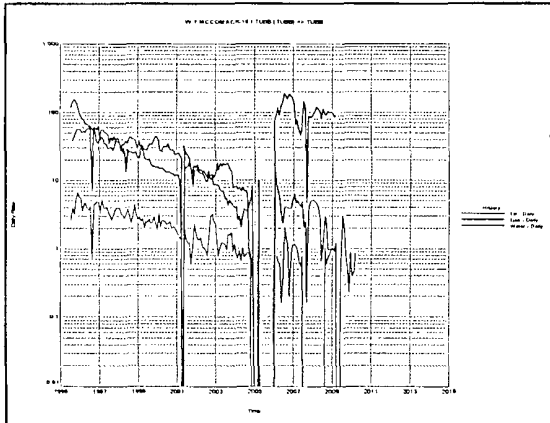
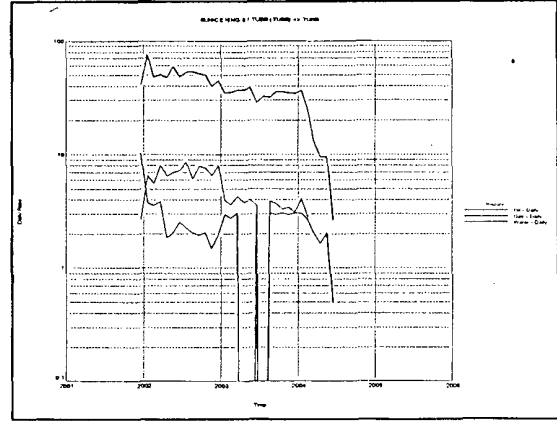
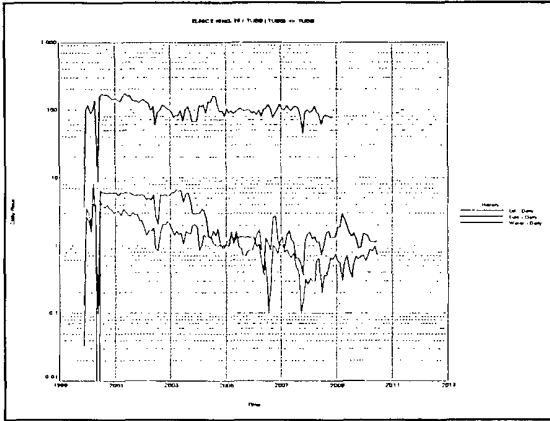




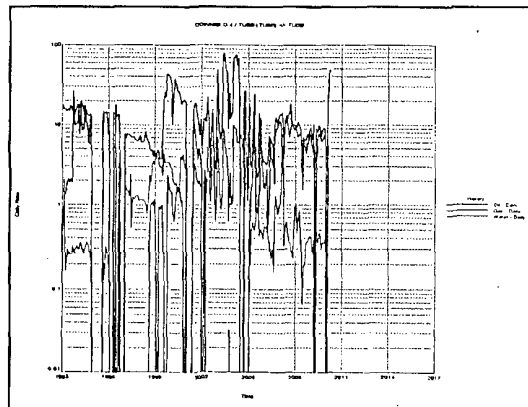
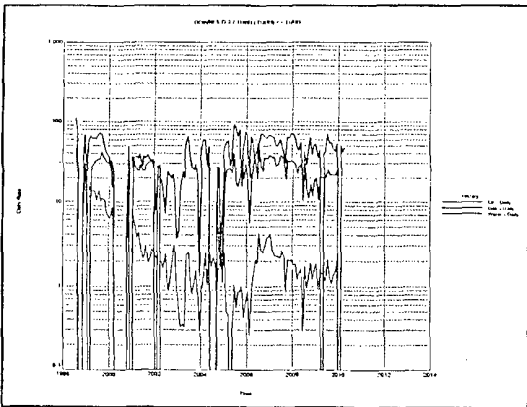
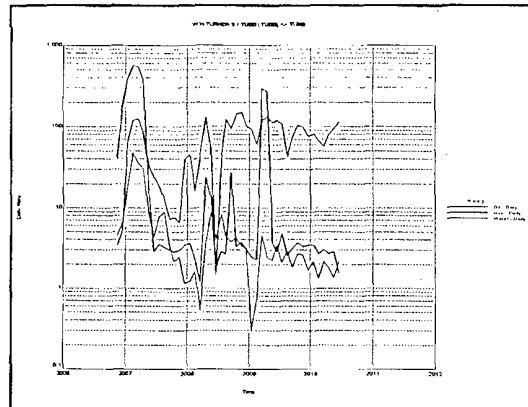
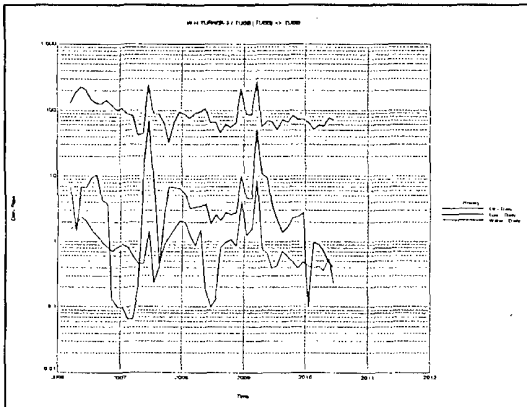
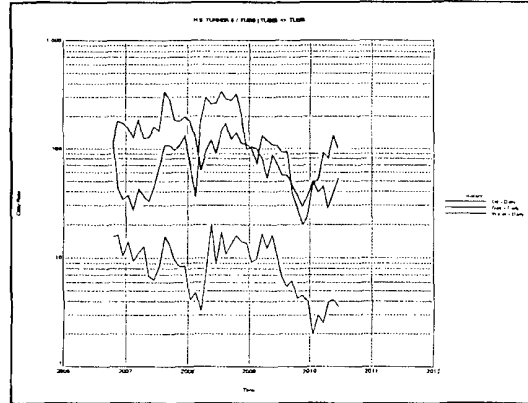
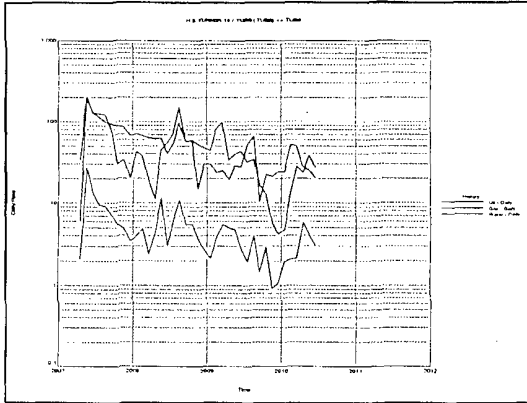
# EUNICE AREA OFFSET WELLS

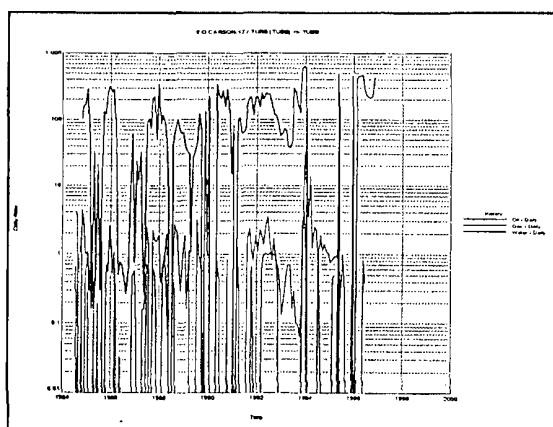
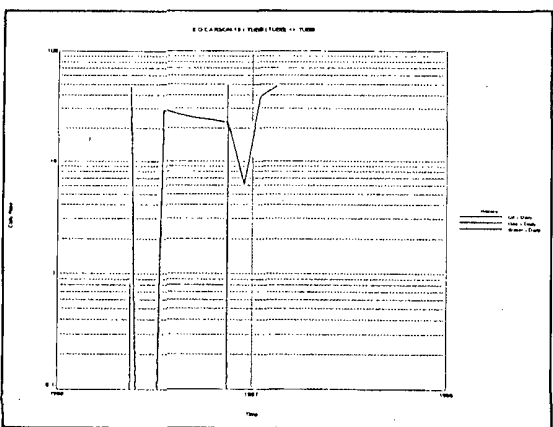
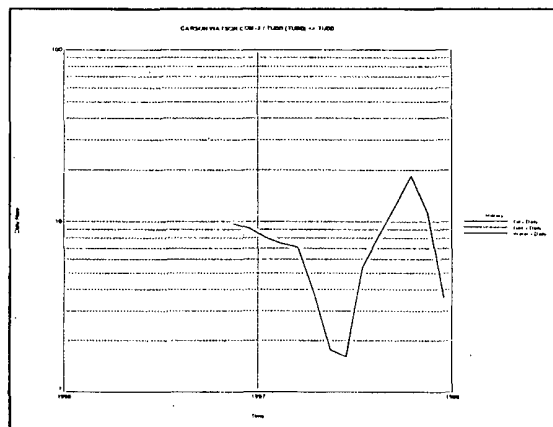
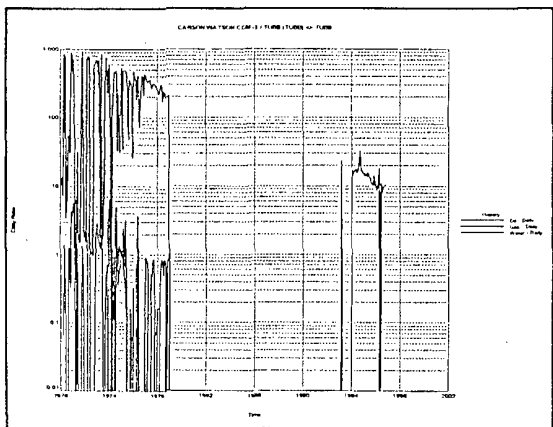
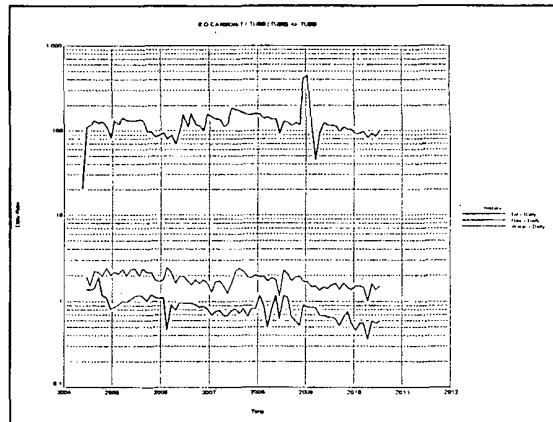
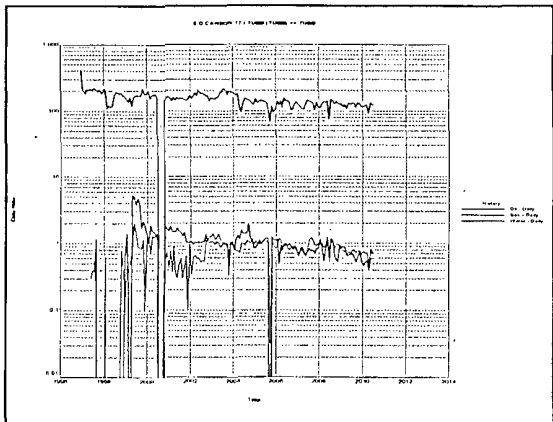
Tubb Reservoir 3/11













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**Oscar Galvis**  
Petroleum Engineer  
Oil Area AD Team

**Permian Business Unit**  
Chevron U.S.A. Inc.  
15 Smith Road  
Midland, TX 79705  
Tel 713-372-0095  
Fax 713-372-1559  
ogaq@chevron.com

March 3, 2011

State of New Mexico  
Oil Conservation Division  
1625 N. French Drive  
Hobbs, New Mexico 88240

Request DHC: W. T. McComack #31 (30-025-39972)

Attention: Oil and Gas Regulatory Department

Chevron U.S.A. Inc. respectfully requests administrative approval for an amendment to Downhole Commingle the Blinebry Oil & Gas (6660), and the Tubb Oil & Gas (60240), in the W. T. McComack #31, API number 30-025-39972. The well is located 2,080' FNL & 1,980' FEL, Unit G, Section 32, Township 21 South, and Range 37 East in Lea County, New Mexico.

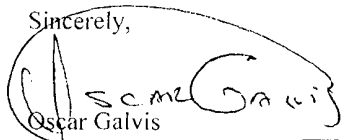
The W. T. McComack #31 is a new drill in the Blinebry Oil & Gas and the Tubb Oil & Gas fields. It was spudded February 21, 2011 and drilled to a total depth of 6,300'. The proposed completion of the well would commingle production from the Blinebry, and Tubb formations.

The proposed allocation percentages were calculated using statistical analysis of offset EUR data, as well as production tests from offset wells. Attached in support of this request are offset well production profiles, a proposed well schematic diagram for the W. T. McComack #31, a C107, a C102 form for each pool, and a lease plat.

Chevron is the operator, with 100% working interest in the lease.

If you require additional information or have any questions, please contact me by telephone at 713-372-0095, or by email at ogaq@chevron.com.

Sincerely,

  
Oscar Galvis  
Petroleum Engineer

Enclosure

cc: Denise Pinkerton  
Denise Beckham