

DATE <u>8/15/02</u>	SUSPENSE <u>NA</u>	ENGINEER <u>WJ</u>	LOGGED IN <u>MV</u>	TYPE <u>PC</u>	APP NO. <u>223138602</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

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]

[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.

Carolyn J. Haynie

Print or Type Name

Signature

PE Technical Assistant

Title

08-14-02

Date

CarolynHaynie@ChevronTexaco.com

e-mail Address

Chevron USA Production Company Inc.
Carolyn J. Haynie
PE Technical Assistant
Eunice Waterflood
15 Smith Road
Midland, TX 79705

ChevronTexaco

August 14, 2002

Proposed Amendment of Surface
Commingling Order PC-391
Harry Leonard (NCT-E) Commingled Battery
Section 16, T21S, R37E
Lea County, New Mexico

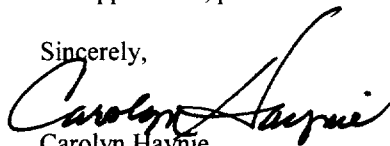
New Mexico Oil Conservation Division
Attn: Lori Wrotenbery, Directory
1220 South St. Francis Drive
Santa Fe, NM 87504

Dear Ms. Wrotenbery:

ChevronTexaco Exploration & Production Company, a division of Chevron U.S.A. Inc., respectfully requests administrative approval for an amendment to Commingling Order PC-391, allowing for the addition of the Grayburg formation production to the Harry Leonard (NCT-E) Commingled Battery. Commingling Order PC-391 (copy attached), currently provides for the commingling of oil and gas pool production from the Drinkard, Tubb, and Blinberry, in a common tank battery and will be allocated to determine the production from each pool based on periodic well tests of each of the respective pool producers, as previously approved. All wells in the Harry Leonard (NCT-E) Commingled Battery, are wholly owned by ChevronTexaco, and are identical in all pools. A well list with API numbers is included with the attachments.

Attached in support of this request is a table showing oil production volumes, battery gravities, and monetary values for each of the wells/pools proposed for commingling, a proposed schematic diagram for the subject facility, and a lease plat. Harry Leonard (NCT-E) is a State Lease; therefore, a copy of the letter to the Commissioner of Public Lands, State of New Mexico, is also enclosed. As can be seen on the table, the value of the production will not be significantly impacted by the proposed action. However, permission to commingle the batteries would substantially lower operating costs to ChevronTexaco. If you have any questions concerning this application, please contact me, at (915) 687-7384.

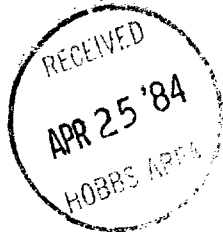
Sincerely,


Carolyn Haynie
PE Technical Assistant

Cc: NMOCD – Hobbs District I
Commissioner of Public Lands
Lease File
Mike Howell
Reggie Holzer
Nathan Mouser
Kent Coggan
Karen Jackson



TONY ANAYA
GOVERNOR



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 19, 1984

Amended
COMMINGLING ORDER PC-391

FILED	APR 25 1984	RECEIVED
STATE OF NEW MEXICO		
SANTA FE, NEW MEXICO 87501		
1605 3275800		

Handwritten signatures and initials are present over the stamp.

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 327-5800

Gulf Oil Exploration and
Production Company
P.O. Box 670
Hobbs, NM 88240

Send copy to E. Hallin

Attention: R. C. Anderson, Production Manager

Lease Name: Harry Leonard (NCT-E)

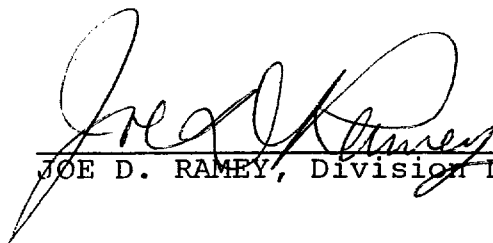
Description: NE/4 of Section 16, Township 21 South, Range
37 East, Lea County, NM

The above-named company is hereby authorized to commingle Drinkard, Tubb and Blinebry oil and gas pool production in a common tank battery and to determine the production from each pool by well tests. (If this method is to be authorized, all commingled production must be of marginal nature; further the operator shall notify the Santa Fe Office of the Division in the event any well in the commingled battery becomes capable of top allowable production at which time the Division will amend this order or take such other action as may be appropriate.)

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: This order has been amended to include the Drinkard Pool. Tube gas must be measured separately.

DONE at Santa Fe, New Mexico, on this _____ day of
April, 1984.


JOE D. RAMEY, Division Director

HARRY LEONARD "E" COMGLD BTRY						
Lease	Well #	Unit Letter	Sec.	Township	Range	API #
LEONARD,HARRY(NCT-E)	1	G	16	21	37	30-025-06620
LEONARD,HARRY(NCT-E)	2	H	16	21	37	30-025-06621
LEONARD,HARRY(NCT-E)	3	B	16	21	37	30-025-06622
LEONARD,HARRY(NCT-E)	4	A	16	21	37	30-025-06623
LEONARD,HARRY(NCT-E)	5	H	16	21	37	30-025-06624
LEONARD,HARRY(NCT-E)	6	A	16	21	37	30-025-25198

Proposed Amendment Of Surface
 Commingling Order PC-391
 Harry Leonard (NCT-E) Commingled Battery
 Section 16, T21S, R37E
 Lea County, New Mexico

Harry Leonard (NCT-E) Commingled Battery And Leonard E Grayburg Production Maintained Separate

Pool	Well	BOPD	API Gravity	\$/BBL	\$/Day	Remarks
Penrose Skelly (Grayburg)	Leonard E # 1	102	35.1	24.41	2,489.82	
Penrose Skelly (Grayburg)	Leonard E # 3	113	35.1	24.41	2,758.33	
Penrose Skelly (Grayburg)	Leonard E # 5	20	35.1	24.41	488.20	
Penrose Skelly (Grayburg)	Leonard E # 6	90	35.1	24.41	2,196.90	
Blinebry O&G	Leonard E # 2	1	36.5	24.15	24.15	
Blinebry O&G/ Tubb O&G (DHC)	Leonard E # 4	2	36.5	24.15	48.30	
Totals		328			\$8,005.70	

Production From All Leonard E Wells Commingled Into Harry Leonard (NCT-E) Commingled Battery

Pool	Well	BOPD	API Gravity	\$/BBL	\$/Day	Remarks
Penrose Skelly (Grayburg)	Leonard E # 1	102	35.1	24.41	2,489.82	Calculated gravity of commingled oil
Penrose Skelly (Grayburg)	Leonard E # 3	113	35.1	24.41	2,758.33	Calculated gravity of commingled oil
Penrose Skelly (Grayburg)	Leonard E # 5	20	35.1	24.41	488.20	Calculated gravity of commingled oil
Penrose Skelly (Grayburg)	Leonard E # 6	90	35.1	24.41	2,196.90	Calculated gravity of commingled oil
Blinebry O&G	Leonard E # 2	1	35.1	24.41	24.41	Calculated gravity of commingled oil
Blinebry O&G/ Tubb O&G (DHC)	Leonard E # 4	2	35.1	24.41	48.82	Calculated gravity of commingled oil
Totals		328			\$8,006.48	

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**

Field: **DRINKARD**

Reservoir: **DRINKARD**

Well: **1**

Field Code: **U41**
Unique Code: **PU412800**
Wellbore: **044707**

Resv Code: **DL**
Battery: **LEONARD E GAS**
API No: **300250662000**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
	0	0	0	150			02	ZR					
	0	0	0	30			02	ZR			7/11/99		0.0
	0	0	0	20			01	ZR		5900	1/1/85		17.0
	0	0	0	30			01	ZR		5600	1/20/00		50.0
	0	0	0	30			01	ZR		5600	1/20/00		50.0
7/30/02	113	173	286		2533	39.5	03	PR	REG WELL TEST		7/25/02	286	80.0
7/26/02	116	180	275		2366	39.2	03	PR	WELL ON DRILL TEST		7/25/02	296	80.0
7/25/02	112	177	273		2433	38.8	03	PR	WELL ON TEST		7/25/02	289	80.0
7/19/02	59	382	247		4187	13.4	03	PR				441	
7/18/02	146	202	268		1836	42.0	03	PR				348	
7/17/02	102	210	240		2353	32.7	03	PR				312	
7/16/02	135	179	208		1541	43.0	03	PR				314	
7/15/02	102	184	210		2059	35.7	03	PR				286	
7/13/02	64	140	110		1719	31.4	03	PR				204	
4/18/02	0	0	39	25	#DIV/0!	#####	02	ZR	REG WELL TEST		7/11/99	0	0.0
4/18/02	4	1	62	30	15600	80.0	01	ZR	REG MONTH WELL TEST	5582	2/6/02	5	50.0
3/11/02	0	0	35	25	#DIV/0!	#####	02	ZR	REG MONTH WELL TEST		7/11/99	0	0.0
3/11/02	4	1	62	30	15600	80.0	01	ZR	REG MONTH WELL TEST	5582	2/6/02	5	50.0
2/8/02	0	0	37	25	#DIV/0!	#####	02	ZR	REG WELL TEST		7/11/99	0	0.0
2/8/02	5	1	64	30	12870	83.3	01	ZR		5582	2/6/02	6	50.0
2/7/02	6	0	66	30	11050	100.0	01	ZR	REG WELL TEST	5582	2/6/02	6	50.0
1/15/02	0	0	43	25	#DIV/0!	#####	02	ZR	REG WELL TEST		7/11/99	0	0.0
10/24/01	0	0	42	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
10/24/01	6	0	66	30	11050	100.0	01	ZR		5600	1/20/00	6	50.0
7/28/01	0	0	23	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
7/28/01	6	0	67	30	11213	100.0	01	ZR		5600	1/20/00	6	50.0
4/26/01	0	0	11	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
4/19/01	0	0	11	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
4/19/01	7	0	68	30	9750	100.0	01	ZR		5600	1/20/00	7	50.0
1/26/01	0	0	11	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
1/26/01	8	0	69	30	8654	100.0	01	ZR		5600	1/20/00	8	50.0
9/23/00	0	0	8	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
9/23/00	8	0	70	30	8775	100.0	01	ZR		5600	1/20/00	8	50.0
6/6/00	0	0	11	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
6/6/00	0	0	11	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
6/2/00	8	0	70	30	8775	100.0	01	ZR		5600	1/20/00	8	50.0
6/2/00	8	0	70	30	8775	100.0	01	ZR		5600	1/20/00	8	50.0
5/1/00	0	0	12	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
5/1/00	0	0	12	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
4/11/00	8	0	68	30	8531	100.0	01	ZR		5600	1/20/00	8	50.0
4/11/00	8	0	68	30	8531	100.0	01	ZR		5600	1/20/00	8	50.0
4/4/00	0	0	15	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
4/4/00	0	0	15	25	#DIV/0!	#####	02	ZR			7/11/99	0	0.0
3/13/00	0	1	16	30	#DIV/0!	0.0	02	ZR			7/11/99	1	0.0
3/13/00	0	1	16	30	#DIV/0!	0.0	02	ZR			7/11/99	1	0.0
3/6/00	8	0	63	30	7923	100.0	01	ZR		5600	1/20/00	8	50.0
3/6/00	8	0	63	30	7923	100.0	01	ZR		5600	1/20/00	8	50.0
1/7/00	0	1	16	30	#DIV/0!	0.0	02	ZR			7/11/99	1	0.0
1/7/00	0	1	16	30	#DIV/0!	0.0	02	ZR			7/11/99	1	0.0
1/2/00	9	0	68	30	7583	100.0	01	ZR		5600	1/20/00	9	50.0
1/2/00	9	0	68	30	7583	100.0	01	ZR		5600	1/20/00	9	50.0

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**
Well: **2**

Field: **BLINEBRY OIL & GAS**
Field Code: **U46**
Unique Code: **PU462500**
Wellbore: **044725**

Reservoir: **BLINEBRY**
Resv Code: **BM**
Battery: **LEONARD NCT-E #1**
API No: **300250662100**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
	0	0	0	25			01	PR		5700	1/1/85		6.0
	0	0	0	30			01	PR		5650	1/21/00		15.0
	0	0	0	30			01	PR		5650	1/21/00		15.0
6/22/02	1	2	20	25	19500	33.3	01	PR		5678	2/10/02	3	15.0
4/8/02	1	2	19	25	18530	33.3	01	PR	REG MONTH WELL TEST	5678	2/10/02	3	15.0
3/7/02	1	1	20	25	19500	50.0	01	PR	REG MONTH WELL TEST	5678	2/10/02	2	15.0
2/15/02	1	2	22	25	22430	33.3	01	PR	REG WELL TEST	5678	2/10/02	3	15.0
1/18/02	1	1	20	25	20480	50.0	01	PR	REG WELL TEST	5407	3/19/00	2	15.0
10/24/01	1	0	19	25	18530	100.0	01	PR		5407	3/19/00	1	15.0
7/28/01	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
4/19/01	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
1/26/01	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
9/23/00	1	0	20	25	20480	100.0	01	PR		5407	3/19/00	1	15.0
6/4/00	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
6/4/00	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
4/11/00	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
4/11/00	1	0	20	25	19500	100.0	01	PR		5407	3/19/00	1	15.0
3/7/00	1	1	21	30	21450	66.7	01	PR		5650	1/21/00	2	15.0
3/7/00	1	1	21	30	21450	66.7	01	PR		5650	1/21/00	2	15.0
1/6/00	1	1	20	30	19500	66.7	01	PR		5650	1/21/00	2	15.0
1/6/00	1	1	20	30	19500	66.7	01	PR		5650	1/21/00	2	15.0
11/7/99	1	1	20	25	19500	66.7	01	PR		5700	1/1/85	2	6.0
11/7/99	1	1	20	25	19500	66.7	01	PR		5700	1/1/85	2	6.0
9/26/99	1	1	20	25	19500	66.7	01	PR		5700	1/1/85	2	6.0
9/26/99	1	1	20	25	19500	66.7	01	PR		5700	1/1/85	2	6.0
9/26/99	1	1	20	25	19500	66.7	01	PR		5700	1/1/85	2	6.0
7/2/99	1	1	24	25	24380	66.7	01	PR		5700	1/1/85	2	6.0
7/2/99	1	1	24	25	24380	66.7	01	PR		5700	1/1/85	2	6.0
5/9/99	1	1	24	25	24380	66.7	01	PR		5700	1/1/85	2	6.0
5/9/99	1	1	24	25	24380	66.7	01	PR		5700	1/1/85	2	6.0
3/15/99	1	1	29	25	29250	66.7	01	PR		5700	1/1/85	2	6.0
3/15/99	1	1	29	25	29250	66.7	01	PR		5700	1/1/85	2	6.0
3/15/99	1	1	29	25	29250	66.7	01	PR		5700	1/1/85	2	6.0
1/7/99	1	1	31	25	31200	66.7	01	PR		5700	1/1/85	2	6.0
1/7/99	1	1	31	25	31200	66.7	01	PR		5700	1/1/85	2	6.0
11/23/98	1	1	29	25	29250	66.7	01	PR		5700	1/1/85	2	6.0
11/23/98	1	1	29	25	29250	66.7	01	PR		5700	1/1/85	2	6.0
9/11/98	1	1	29	25	58500	50.0	01	PR		5700	1/1/85	1	6.0
9/11/98	1	1	29	25	58500	50.0	01	PR		5700	1/1/85	1	6.0
7/16/98	1	1	24	25	48760	50.0	01	PR		5700	1/1/85	1	6.0
7/16/98	1	1	24	25	48760	50.0	01	PR		5700	1/1/85	1	6.0
5/21/98	1	1	27	25	27300	66.7	01	PR		5700	1/1/85	2	6.0
5/21/98	1	1	27	25	27300	66.7	01	PR		5700	1/1/85	2	6.0
3/4/98	1	1	25	25	50000	50.0	01	PR		5700	1/1/85	1	6.0
3/4/98	1	1	25	25	50000	50.0	01	PR		5700	1/1/85	1	6.0
1/5/98	1	1	25	25	50000	50.0	01	PR		5700	1/1/85	1	6.0
1/5/98	1	1	25	25	50000	50.0	01	PR		5700	1/1/85	1	6.0
11/9/97	1	1	22	25	44000	50.0	01	PR		5700	1/1/85	1	6.0
11/9/97	1	1	22	25	44000	50.0	01	PR		5700	1/1/85	1	6.0
8/21/97	1	1	22	25	44000	50.0	01	PR		5700	1/1/85	1	6.0
8/21/97	1	1	22	25	44000	50.0	01	PR		5700	1/1/85	1	6.0

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**

Field: **DRINKARD**

Reservoir: **DRINKARD**

Well: **3**

Field Code: **U41**

Resv Code: **DL**

Unique Code: **PU412800**

Battery: **LEONARD NCT-E #1**

Wellbore: **044638**

API No: **300250662200**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
	0	0	0	25			01	ZR		6500	1/1/85		9.5
	0	0	0	30			01	ZR		5900	1/20/00		25.0
	0	0	0	30			01	ZR		5900	1/20/00		25.0
	0	0	0	30			02	ZR		5900	1/20/00		25.0
	0	0	0	30			02	ZR		5900	1/20/00		25.0
	0	0	0	25			02	ZR		6500	1/1/85		9.5
8/7/02	113	215	202	120	1787	34.5	03	PR			7/25/02	328	75.0
8/5/02	115	124	197	120	1713	48.1	03	PR			7/25/02	239	75.0
8/4/02	63	241	245	120	3890	20.7	03	PR			7/25/02	304	75.0
8/1/02	110	198	162	120	1471	35.7	03	PR			7/25/02	308	75.0
7/31/02	112	201	179	120	1602	35.8	03	PR	OK		7/25/02	313	75.0
7/30/02	143	244	314	120	2194	37.0	03	PR	WELL ON DRILL		7/25/02	387	75.0
7/28/02	210	450	468	120	2227	31.8	03	PR	REG WELL TEST		7/25/02	660	75.0
7/26/02	158	463	305	120	1930	25.4	03	PR	WELL ON DRILL		7/25/02	621	75.0
7/25/02	44	241	122		2763	15.4	03	PR	REG MONTH WELL TEST		7/25/02	285	75.0
7/18/02	42	303	134		3190	12.2	03	PR				345	
7/17/02	30	286	205		6833	9.5	03	PR				316	
7/16/02	0	305	175		#DIV/0!	0.0	03	PR				305	
7/15/02	0	285	115		#DIV/0!	0.0	03	PR				285	
7/14/02	0	316	80		#DIV/0!	0.0	03	PR				316	
4/17/02	4	1	159	30	39705	80.0	99	ZR	REG MONTH WELL TEST	6480	2/22/02	5	38.0
3/6/02	3	2	165	30	54900	60.0	99	ZR	REG MONTH WELL TEST	6480	2/22/02	5	38.0
2/18/02	3	1	160	30	53267	75.0	99	ZR	REG WELL TEST	6480	2/22/02	4	30.0
1/21/02	3	2	159	30	52940	60.0	99	ZR	REG MONTH WELL TEST	6004	3/26/00	5	30.0
10/24/01	3	1	159	30	52940	75.0	99	ZR		6004	3/26/00	4	30.0
7/28/01	3	1	161	30	53593	75.0	99	ZR		6004	3/26/00	4	30.0
4/19/01	3	1	162	30	53920	75.0	99	ZR		6004	3/26/00	4	30.0
1/26/01	3	1	162	30	53920	75.0	99	ZR		6004	3/26/00	4	30.0
9/23/00	3	1	164	30	54573	75.0	99	ZR		6004	3/26/00	4	30.0
6/5/00	3	1	165	30	54900	75.0	99	ZR		6004	3/26/00	4	30.0
6/5/00	3	1	165	30	54900	75.0	99	ZR		6004	3/26/00	4	30.0
5/1/00	3	1	163		54170	75.0	99	ZR				4	
5/1/00	3	1	163		54170	75.0	99	ZR				4	
4/5/00	2	1	83	30	55253	75.0	01	ZR		6004	3/26/00	2	25.0
4/5/00	2	1	83	30	55253	75.0	01	ZR		6004	3/26/00	2	25.0
4/5/00	2	1	83	30	55253	75.0	02	ZR		6004	3/26/00	2	25.0
4/5/00	2	1	83	30	55253	75.0	02	ZR		6004	3/26/00	2	25.0
3/5/00	2	1	78	30	52000	75.0	01	ZR		5900	1/20/00	2	25.0
3/5/00	2	1	78	30	52000	75.0	01	ZR		5900	1/20/00	2	25.0
3/5/00	2	1	78	30	52000	75.0	02	ZR		5900	1/20/00	2	25.0
3/5/00	2	1	78	30	52000	75.0	02	ZR		5900	1/20/00	2	25.0
1/23/00	2	1	75	30	50053	75.0	01	ZR		5735	1/20/00	2	25.0
1/23/00	2	1	75	30	50053	75.0	01	ZR		5735	1/20/00	2	25.0
1/23/00	2	1	75	30	50053	75.0	02	ZR		5735	1/20/00	2	25.0
1/23/00	2	1	75	30	50053	75.0	02	ZR		5735	1/20/00	2	25.0
11/14/99	2	1	92	25	45825	80.0	01	ZR		6500	1/1/85	3	9.5
11/14/99	2	1	92	25	45825	80.0	01	ZR		6500	1/1/85	3	9.5
11/14/99	2	1	92	25	45825	80.0	02	ZR		6500	1/1/85	3	9.5
11/14/99	2	1	92	25	45825	80.0	02	ZR		6500	1/1/85	3	9.5
9/27/99	2	1	88	25	58500	75.0	01	ZR		6500	1/1/85	2	9.5
9/27/99	2	1	88	25	58500	75.0	01	ZR		6500	1/1/85	2	9.5

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**

Field: **BLINEBRY OIL & GAS**

Reservoir: **BLINEBRY**

Well: **4**

Field Code: **U46**

Resv Code: **BM**

Unique Code: **PU462500**

Battery: **LEONARD NCT-E #1**

Wellbore: **044691**

API No: **300250662300**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
	0	0	0	25			01	PR		5400	1/1/85		9.0
	0	0	0	30			01	PR		5859	1/31/00		30.0
	0	0	0	30			01	PR		5859	1/31/00		30.0
	0	0	0	30			02	PR		5859	1/31/00		30.0
	0	0	0	30			02	PR		5859	1/31/00		30.0
	0	0	0	25			02	PR					
6/20/02	1	3	139	30	139210	25.0	99	PR		6044	2/22/02	4	30.0
4/12/02	1	2	137	30	137250	33.3	99	PR	REG MONTH WELL TEST	6044	2/22/02	3	30.0
2/16/02	2	4	130	30	65195	33.3	99	PR	REG MONTH WELL TEST	6044	2/22/02	6	30.0
1/23/02	2	3	143	30	71565	40.0	99	PR	REG WELL TEST	5939	3/26/00	5	30.0
10/24/01	2	1	147	30	73525	66.7	99	PR		5939	3/26/00	3	30.0
7/28/01	2	1	150	30	75000	66.7	99	PR		5939	3/26/00	3	30.0
4/19/01	2	1	152	30	75980	66.7	99	PR		5939	3/26/00	3	30.0
1/26/01	2	1	154	30	76960	66.7	99	PR		5939	3/26/00	3	30.0
9/23/00	2	1	155	30	77450	66.7	99	PR		5939	3/26/00	3	30.0
6/3/00	2	1	158	30	78920	66.7	99	PR		5939	3/26/00	3	30.0
6/3/00	2	1	158	30	78920	66.7	99	PR		5939	3/26/00	3	30.0
5/1/00	2	0	158		78865	100.0	99	PR				2	
5/1/00	2	0	158		78865	100.0	99	PR				2	
4/3/00	2	0	40	30	19990	100.0	01	PR		5939	3/26/00	2	30.0
4/3/00	2	0	40	30	19990	100.0	01	PR		5939	3/26/00	2	30.0
4/3/00	0	0	121	30	#DIV/0!	#####	02	PR		5859	1/31/00	0	30.0
4/3/00	0	0	121	30	#DIV/0!	#####	02	PR		5859	1/31/00	0	30.0
3/4/00	2	0	39	30	19500	100.0	01	PR		5859	1/31/00	2	30.0
3/4/00	2	0	39	30	19500	100.0	01	PR		5859	1/31/00	2	30.0
3/4/00	0	0	117	30	#DIV/0!	#####	02	PR		5859	1/31/00	0	30.0
3/4/00	0	0	117	30	#DIV/0!	#####	02	PR		5859	1/31/00	0	30.0
1/5/00	2	0	40	30	19990	100.0	01	PR		5450	1/21/00	2	30.0
1/5/00	2	0	40	30	19990	100.0	01	PR		5450	1/21/00	2	30.0
1/5/00	0	0	121	30	#DIV/0!	#####	02	PR		5450	1/21/00	0	25.0
1/5/00	0	0	121	30	#DIV/0!	#####	02	PR		5450	1/21/00	0	25.0
11/21/99	2	0	37	25	18280	100.0	01	PR		5400	1/1/85	2	9.0
11/21/99	2	0	37	25	18280	100.0	01	PR		5400	1/1/85	2	9.0
11/21/99	0	0	110	25	#DIV/0!	#####	02	PR				0	
11/21/99	0	0	110	25	#DIV/0!	#####	02	PR				0	
9/7/99	2	0	35	25	17305	100.0	01	PR		5400	1/1/85	2	9.0
9/7/99	2	0	35	25	17305	100.0	01	PR		5400	1/1/85	2	9.0
9/7/99	2	0	35	25	17305	100.0	01	PR		5400	1/1/85	2	9.0
9/7/99	0	0	104	25	#DIV/0!	#####	02	PR				0	
9/7/99	0	0	104	25	#DIV/0!	#####	02	PR				0	
9/7/99	0	0	104	25	#DIV/0!	#####	02	PR				0	
7/3/99	2	0	36	25	17795	100.0	01	PR		5400	1/1/85	2	9.0
7/3/99	0	0	107	25	#DIV/0!	#####	02	PR				0	
7/3/99	2	0	36	25	17795	100.0	01	PR		5400	1/1/85	2	9.0
7/3/99	0	0	107	25	#DIV/0!	#####	02	PR				0	
5/5/99	2	0	36	25	17795	100.0	01	PR		5400	1/1/85	2	9.0
5/5/99	0	0	107	25	#DIV/0!	#####	02	PR				0	
5/5/99	0	0	107	25	#DIV/0!	#####	02	PR				0	
5/5/99	2	0	36	25	17795	100.0	01	PR		5400	1/1/85	2	9.0
3/8/99	2	1	34	25	17065	80.0	01	PR		5400	1/1/85	3	9.0
3/8/99	2	1	34	25	17065	80.0	01	PR		5400	1/1/85	3	9.0

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**

Field: **PENROSE SKELLY**

Reservoir: **GRAYBURG**

Well: **5**

Field Code: **U49**

Resv Code: **EG**

Unique Code: **PU492000**

Battery: **LEONARD NCT-E #1**

Wellbore: **044701**

API No: **300250662400**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
6/21/02	20	55	78	125	3922	26.7	02	PR		3524	2/22/02	75	38.0
5/2/02	27	69	83	125	3086	28.1	02	PR	REG MONTH WELL TEST	3524	2/22/02	96	38.0
4/10/02	38	58	68	125	1780	39.6	02	PR	REG WELL TEST	3524	2/22/02	96	48.0
3/14/02	31	60	80	125	2593	34.1	02	PR		3524	2/22/02	91	79.0
3/12/02	41	72	76	125	1865	36.3	02	PR	REG WELL TEST	3524	2/22/02	113	79.0
3/11/02	43	65	94	125	2193	39.8	02	PR	REG MONTH WELL TEST	3524	2/22/02	108	79.0
2/24/02	22	58	59	125	2674	27.5	02	PR	REG WELL TEST	3524	2/22/02	80	33.0
2/23/02	24	44	55	125	2288	35.3	02	PR	REG MONTH WELL TEST	3662	2/22/02	68	28.0
2/22/02	21	48	45	125	2148	30.4	02	PR	WELL TEST	3464	1/23/02	69	21.0
2/21/02	22	37	47	125	2139	37.3	02	PR	WELL TEST	3464	1/23/02	59	20.0
1/29/02	30	50	118	125	3921	37.5	02	PR	WELL ON DRILL	3464	1/23/02	80	35.0
1/28/02	30	48	118	125	3921	38.5	02	PR	WELL ON DRILL REPORT	3464	1/23/02	78	35.0
1/27/02	36	31	116	125	3213	53.7	02	PR	WELL ON DRILL REPORT	3464	1/23/02	67	32.0
1/26/02	30	35	118	125	3921	46.2	02	PR	REG WELL TEST	3464	1/23/02	65	38.0
1/25/02	33	22	121	125	3654	60.0	02	PR	WELL ON DRILL	3464	1/23/02	55	35.0
1/24/02	35	36	116	125	3305	49.3	02	PR	WELL ON ON DRILL	3464	1/23/02	71	37.0
1/15/02	56	37	125	125	2241	60.2	02	PR	WELL ON DRILL	2632	1/12/02	93	76.0
1/14/02	45	60	152	125	3377	42.9	02	PR	WELL ON DRILL	2632	1/12/02	105	76.0
1/13/02	40	118	113	125	2819	25.3	02	PR	WELL ON DRILL	2632	1/12/02	158	88.0
1/12/02	24	152	125	125	5188	13.6	02	PR	WELL ON DRILL	2632	1/12/02	176	88.0

WELL TEST REPORT

Lease: **LEONARD H /NCT-E/**

Field: **DRINKARD**

Reservoir: **DRINKARD**

Well: **6**

Field Code: **U41**

Resv Code: **DL**

Unique Code: **PU412800**

Battery: **LEONARD NCT-E #1**

Wellbore: **045494**

API No: **300252519800**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
	0	0	0	20			01	ZR		6450	1/1/85		9.0
7/31/02	90	172	271		3003	34.4	02	PR	OK		6/12/02	262	80.0
7/30/02	88	156	245		2799	35.9	02	PR	WELL TEST		6/12/02	244	80.0
7/28/02	95	169	353		3707	36.0	02	PR	REG WELL TEST		6/12/02	264	80.0
7/26/02	93	159	268		2889	36.8	02	PR	WELL ON MONTH TEST		6/12/02	252	80.0
7/25/02	94	163	257		2747	36.5	02	PR	REG MONTH WELL TEST		6/12/02	257	80.0
7/18/02	90	170	333		3699	34.6	02	PR	WELL ON DRILL		6/12/02	260	80.0
7/17/02	95	165	238		2502	36.6	02	PR	WELL ON DRILL		6/12/02	260	80.0
7/15/02	74	155	201		2718	32.3	02	PR	WELL ON TEST		6/12/02	229	80.0
7/13/02	36	180	127		3570	16.6	02	PR	WELL ON TEST		6/12/02	216	0.0
7/12/02	62	106	104		1675	36.9	02	PR	WELL NO 6 BACK ON		6/12/02	168	0.0
6/16/02	122	109	260		2123	52.9	02	PR	WELL ON DRILL		6/12/02	231	0.0
6/15/02	150	136	302		2018	52.4	02	PR	WELL NO 6 ON DRILL		6/12/02	286	0.0
6/13/02	136	156	308		2263	46.6	02	PR	WELL ON DRILL		6/12/02	292	0.0
6/12/02	147	156	318		2160	48.5	02	PR	WELL ON DRILL		6/12/02	303	0.0
6/11/02	151	200	349		2307	43.1	02	PR				351	
6/9/02	146	214	392		2682	40.6	02	PR				360	
6/8/02	147	244	245		1667	37.6	02	PR				391	
6/8/02	147	244	245		1667	37.6	02	PR				391	
6/6/02	162	250	350		2156	39.4	02	PR				412	
6/5/02	82	92	205	180	2509	47.0	01	ZR		3812	5/30/02	174	100.0
6/4/02	160	289	279	30	1743	35.6	01	ZR	WELL ON DRILL	3812	5/30/02	449	100.0
2/21/02	1	0	29	30	29250	100.0	01	ZR	REG MONTH WELL TEST	6386	2/10/02	1	25.0
1/24/02	1	0	27	30	27300	100.0	01	ZR	REG MONTH WELL TEST	6188	4/11/00	1	25.0
10/24/01	1	0	29	30	29250	100.0	01	ZR		6188	4/11/00	1	25.0
7/28/01	1	0	30	30	30230	100.0	01	ZR		6188	4/11/00	1	25.0
4/19/01	1	0	29	30	29250	100.0	01	ZR		6188	4/11/00	1	25.0
1/26/01	1	0	29	30	29250	100.0	01	ZR		6188	4/11/00	1	25.0
9/23/00	1	0	31	30	31200	100.0	01	ZR		6188	4/11/00	1	25.0
6/1/00	1	0	31	30	31200	100.0	01	ZR		6188	4/11/00	1	25.0
6/1/00	1	0	31	30	31200	100.0	01	ZR		6188	4/11/00	1	25.0
4/2/00	1	0	33	30	33150	100.0	01	ZR		6188	4/11/00	1	25.0
4/2/00	1	0	33	30	33150	100.0	01	ZR		6188	4/11/00	1	25.0
3/2/00	1	0	31	30	31200	100.0	01	ZR		6450	1/1/00	1	25.0
3/2/00	1	0	31	30	31200	100.0	01	ZR		6450	1/1/00	1	25.0
1/3/00	1	1	34	30	34130	66.7	01	ZR		6450	1/1/00	2	25.0
1/3/00	1	1	34	30	34130	66.7	01	ZR		6450	1/1/00	2	25.0
11/3/99	1	1	39	20	39000	66.7	01	ZR		6450	1/1/85	2	9.0
11/3/99	1	1	39	20	39000	66.7	01	ZR		6450	1/1/85	2	9.0
9/6/99	1	1	46	20	45830	66.7	01	ZR		6450	1/1/85	2	9.0
9/6/99	1	1	46	20	45830	66.7	01	ZR		6450	1/1/85	2	9.0
9/6/99	1	1	46	20	45830	66.7	01	ZR		6450	1/1/85	2	9.0
7/5/99	1	1	47	20	46800	66.7	01	ZR		6450	1/1/85	2	9.0
7/5/99	1	1	47	20	46800	66.7	01	ZR		6450	1/1/85	2	9.0
5/10/99	1	1	46	20	45830	66.7	01	ZR		6450	1/1/85	2	9.0
5/10/99	1	1	46	20	45830	66.7	01	ZR		6450	1/1/85	2	9.0
3/5/99	1	1	44	20	43880	66.7	01	ZR		6450	1/1/85	2	9.0
3/5/99	1	1	44	20	43880	66.7	01	ZR		6450	1/1/85	2	9.0
3/5/99	1	1	44	20	43880	66.7	01	ZR		6450	1/1/85	2	9.0
1/2/99	2	1	49	20	24375	80.0	01	ZR		6450	1/1/85	3	9.0
1/2/99	2	1	49	20	24375	80.0	01	ZR		6450	1/1/85	3	9.0

Chevron U.S.A. Production Company
Carolyn J. Haynie
New Mexico Waterflood
Technical Assistant
15 Smith Road
Midland, TX 79705

ChevronTexaco

August 13, 2002

Commissioner of Public Lands,
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504

Attn: Pete Martinez

Re: Proposed Amendment of Surface
Commingling Order PC-391
Harry Leonard (NCT-E) Commingled Battery
Sec. 16, T-21S, R-37E
Lea County, New Mexico

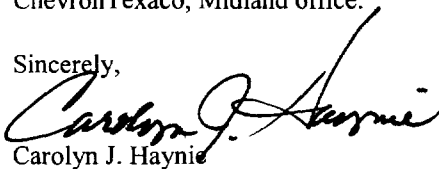
Dear Mr. Martinez,

ChevronTexaco Exploration & Production Company, a division of Chevron U.S.A. Inc., is requesting approval from the Commissioner of Public Lands, State of New Mexico, allowing for the addition of the Grayburg formation production to the existing approved Commingle Order PC-391. Currently the order PC-391, provides for the commingling of oil and gas pool production from the Drinkard, Tubb, and the Blinebry, in a common tank battery. The production is allocated to determine the production from each pool based on periodic well tests of each of the respective pool producers. All wells on the Harry Leonard (NCT-E) lease, are wholly owned by ChevronTexaco, and are identical in all pools.

Attached in support of this request is a complete package of the New Mexico Oil Conservation Division request, showing oil production volumes, battery gravities, and monetary values for each of the wells/pools proposed for commingling, a proposed schematic diagram for the subject facility, a lease plat, and the Commissioner of Public Lands, State of New Mexico, commingling filing fee, in the amount of \$30.00.

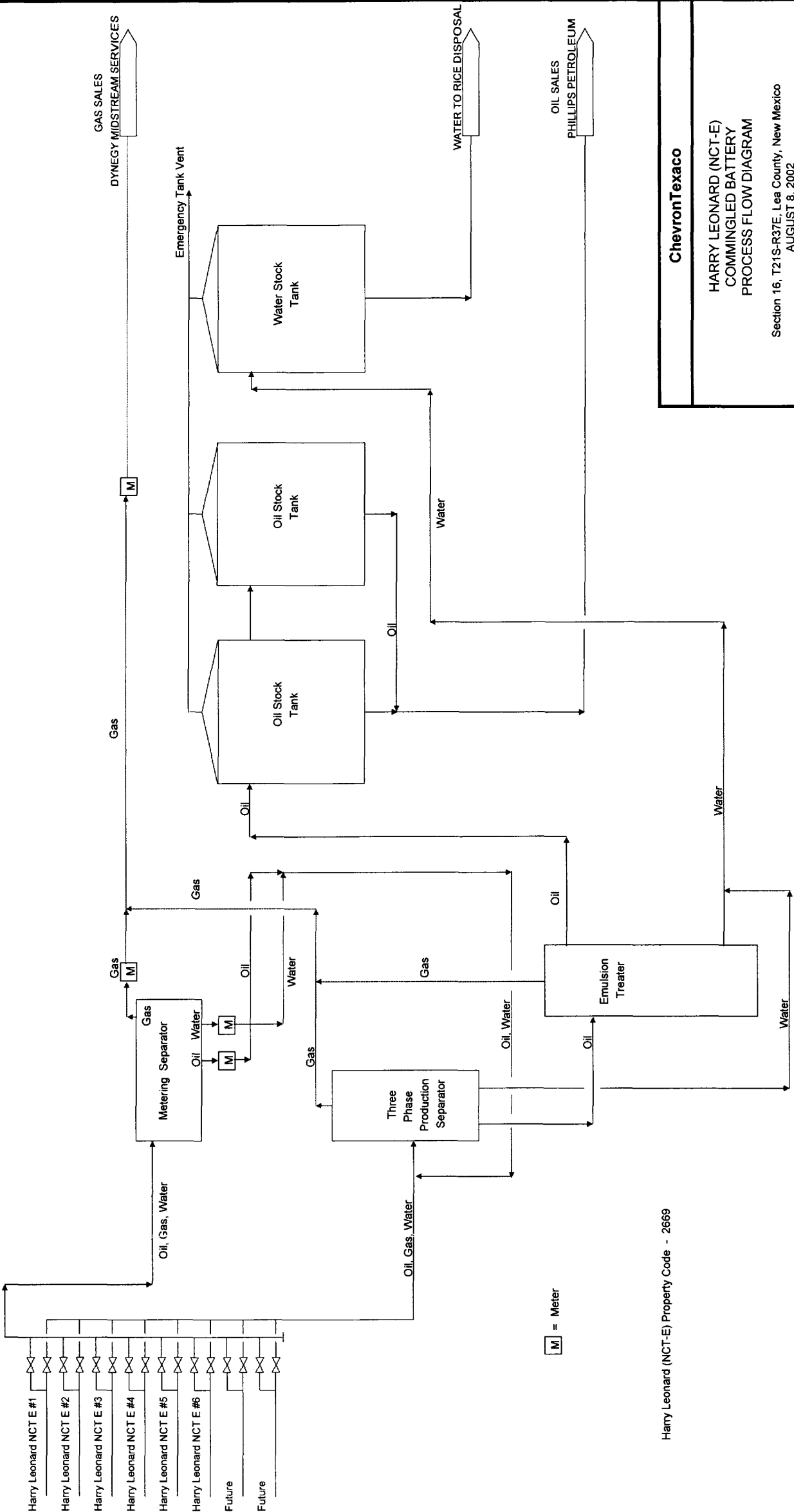
If you have any questions or require additional information, please contact me at 915-687-7384, at the ChevronTexaco, Midland office.

Sincerely,



Carolyn J. Haynie
New Mexico Waterflood
PE Technical Assistant
Tel 915-687-7384

CC: NMOCD Santa Fe, NM
Mike Howell
Reggie Holzer
Kent Coggan
Nathan Mouser
Karen Jackson
Central Files



Harry Leonard (NCT-E) Property Code - 2669

ChevronTexaco

HARRY LEONARD (NCT-E)
COMMINGLED BATTERY
PROCESS FLOW DIAGRAM

Section 16, T21S-R37E, Lea County, New Mexico
AUGUST 8, 2002