Chevron USA Production Company Inc.
Carolyn J. Haynie
Waterflood Technical Assistant
15 Smith Road
Midland, TX 79705
Tel 915-687-7384
Fax 915-687-7557

ChevronTexaco

January 02, 2003

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87504

RE: Application to Amend Pool (Surface) Commingle Order PC-517

Attn: Oil & Gas Regulatory Department

ChevronTexaco, Exploration & Production, Inc., formerly Chevron U.S.A. Production Co., Inc., respectfully requests administrative approval to amend Commingling Order PC-517, which allows for the Drinkard and Blinebry, to be commingled in the H.T. Mattern C # 5 battery. ChevronTexaco would like to amend Commingle Order PC 517, by adding the oil, gas, and water production from the Wantz Abo and the Penrose Skelly (Grayburg), to the H.T. Mattern C # 5 battery.

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. Also, included is a proposed schematic diagram for the subject facility, well test, well list & locations, and a lease plat. As can be seen on the table, the value of the production will not be significantly impacted by the proposed action.

ChevronTexaco is the operator of these wells with 100% working interest, and the Royalty Interest Owners are the same on each lease. Permission to commingle will substantially lower operating costs to ChevronTexaco. The proposed facility will be tested monthly for monthly allocation of production to each well and reservoir.

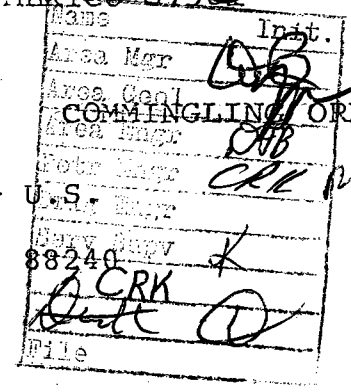
For your convenience, I have enclosed a stamped self-addressed envelope, so your decision for this Surface Commingle can be sent directly to me for distribution to our Central Records, and Field offices. If you have any questions concerning this application, please contact me, at (915) 687-7384.

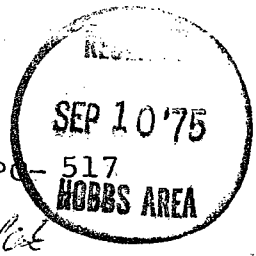
Sincerely,

Carolyn Haynie
New Mexico Technical Assistant

Cc: NMOCD – Hobbs District 2
Lease File
Mike Howell
Reggie Holzer
Nathan Mouser
Karen Jackson
Denise Pinkerton

POST OFFICE BOX 2088
SANTA FE, NEW MEXICO 875





COMMINGLING ORDER PC- 517

Company	Gulf Oil Company - U.S.
Address	P. O. Box 670
City, State, Zip	Hobbs, New Mexico 88240
Attention:	Mr. C. D. Borland

Lease Name: H. T. Mattern (NCT-C)
Description: N/2 S/2, S/2 NW/4 and NE/4 Sec. 18; S/2 SE/4 Sec. 7; and W/2 SW/4 and S/2 NW/4 Sec. 8, all in T-21-S, R-37-E

The above-named company is hereby authorized to commingle production from the following pools

Drinkard and Blinebry

in a common tank battery, and to determine the production from each pool by

____ separately metering the production from each pool prior to commingling

____ separately metering the production from

and determining the production by the subtraction method

X 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 Commission in the event any well producing into the commingled battery becomes capable of top allowable production, at which time the Commission 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 Commission Rules and Regulations and the Commission "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:

DONE at Santa Fe, New Mexico, on this 8th day of September 19 75.

JOE D. RAMEY, Secretary-Director

Copy to working Cards, CWB, Proration Mail, CAR, FILING + CLM 9-10-75
Oil Gas, Hanta

Gulf Oil Company - U. S.

PRODUCTION DEPARTMENT
HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 28, 1975

P. O Box 670
Hobbs, New Mexico 88240

Mr. Joe D. Ramey
N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, N. M. 87501

PC-517, Rec'd 9-10-75

Dear Sir:

Gulf Oil Corporation requests your administrative approval for an exception to Rule 303-A to permit commingling of the Drinkard and Blinebry Oil and Gas production on our H. T. Mattern (NCT-C) lease, comprising the following acreage: N/2 of S/2, S/2 of NW/4, and NE/4 of Section 18; S/2 of SE/4 of Section 7; and W/2 of SW/4 and S/2 of NW/4 of Section 8, all in T21S-R37E, Lea County, New Mexico.

At the present time, there is one well producing from the Drinkard Pool and one well producing from the Blinebry Oil and Gas Pool. Both wells are marginal. Production will be allocated on the basis of periodic well tests.

This is fee land, and approval of the State Land Commissioner is not required.

The attached tabulations show the average daily production based on the latest stabilized well tests. Well No. 5 (Drinkard) was completed on June 29, 1975 and tested for a 24-hour period ending July 29, 1975. Well No. 5 (Blinebry Oil and Gas) was completed on July 4, 1975 and tested for a 24-hour period ending August 8, 1975. Neither well has been completed long enough to establish a 60-day production history. You will notice from the tabulations that the actual commercial value of the commingled production will be slightly lower ($0.32 per day).

Attached is a plat of the lease, as well as a schematic diagram of the proposed installation.

Your early reply to this application will be appreciated.

Yours very truly,

C. D. Borland

C. D. BORLAND

CRK:ec
Att'd.

cc: R. F. Ward, Jr. - Midland
C. W. Briggs - Midland
N. M. O. C. C., Hobbs

Gulf

A DIVISION OF GULF OIL CORPORATION

GULF OIL CORPORATION

H. T. MATTERN (NCT-C) LEASE

Production Data

Pool	Bbls./Day	Corr. Gravity	$/Bbl.	Bbls./Day x $/Bbl.
Drinkard	42	39.5	$12.73	$534.66
Blinebry Oil and Gas	16	40.3	$12.75	$204.00
TOTAL				$738.66
Commingled	58	39.7	$12.73	$738.34
DIFFERENCE				— $ 0.32 per day

Proposed Amendment Of Surface
Commingling Order PC-517
H.T. MATTERN (NCT-C) 5 BATTERY
Section 18, T21S, R37E
Lea County, New Mexico

Mattern, H. T. 'C' Wells and Production

Pool	Well	BOPD	API Gravity	$/BBL	$/Day	Remarks
WANTZ ABO	MATTERN,H.T.(NCT-C) # 5	6	39.3	24.17	145.02	
DRINKARD OIL	MATTERN,H.T.(NCT-C) # 6	4	37	22.85	91.4	
PENROSE SKELLY	MATTERN,H.T.(NCT-C) # 7	6	39.3	24.24	145.44	New Recompletion
WANTZ ABO	MATTERN,H.T.(NCT-C) # 8	9	39.3	24.17	217.53	
BLINEBRY OIL	MATTERN,H.T.(NCT-C) # 15	4	37	23.44	93.76	
BLINEBRY OIL	MATTERN,H.T.(NCT-C) # 16	5	37	23.44	117.2	
Totals		**34**			**$810.35**	

Mattern, H.T. 'C' 5 Commingled Battery

Pool	Well	BOPD	API Gravity	$/BBL	$/Day	Remarks
						Calculated gravity of commingled oil & Avg. Est. $ / BBL
WANTZ ABO	MATTERN,H.T.(NCT-C) # 5	6	38.4	23.72	142.32	
DRINKARD OIL	MATTERN,H.T.(NCT-C) # 6	4	38.4	23.72	94.88	
PENROSE SKELLY	MATTERN,H.T.(NCT-C) # 7	6	38.4	23.72	142.32	
WANTZ ABO	MATTERN,H.T.(NCT-C) # 8	9	38.4	23.72	213.48	
BLINEBRY OIL	MATTERN,H.T.(NCT-C) # 15	4	38.4	23.72	94.88	
BLINEBRY OIL	MATTERN,H.T.(NCT-C) # 16	5	38.4	23.72	118.6	
Totals		**34**			**$806.48**	

Lease	Well #	TUS	POOL	U	SS	TT	RR	LOCATION	O-TR	G-TR	WI	API #	POOL Code
HT MATTERN C 5 BATTERY													
MATTERN,H.T.(NCT-C)	5	PR	WANTZ ABO	I	18	21	37E	1980' FSL & 330' FEL	PHIL	Dynegy	100.00	30-025-25025	62700
MATTERN,H.T.(NCT-C)	6	PR	DRINKARD OIL	H	18	21	37E	1980' FNL & 510' FEL	PHIL	Dynegy	100.00	30-025-25099	19190
MATTERN,H.T.(NCT-C)	7	PR	PENROSE SKELLY	J	18	21	37E	2130'FSL & 1980' FEL	PHIL	Dynegy	100.00	30-025-25111	50350
MATTERN,H.T.(NCT-C)	8	PR	WANTZ ABO	A	18	21	37E	660' FNL & 447' FEL	PHIL	Dynegy	100.00	30-025-25112	62700
MATTERN,H.T.(NCT-C)	15	PR	BLINEBRY OIL	B	18	21	37E	660' FNL & 1980' FEL	PHIL	Dynegy	100.00	30-025-27529	06660
MATTERN,H.T.(NCT-C)	16	PR	BLINEBRY OIL	G	18	21	37E	2080' FNL & 1980' FEL	PHIL	Dynegy	100.00	30-025-27530	06660

WELL TEST REPORT

Lease: **MATTERN H T /NCT-C/** Field: **WANTZ** Reservoir: **ABO**

Well: **5** Field Code: **U52** Resv Code: **B8**

Unique Code: **PU523700** Battery: **MATTERN NCT-C #5**

Wellbore: **048176** API No: **300252502500**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
11/6/02	6	10	70		11667	37.5	03	PR		6628	5/18/02	16	50.0
11/6/02	6	10	70		11667	37.5	03	PR		6628	5/18/02	16	50.0
9/16/02	7	11	78		11143	38.9	03	PR		6628	5/18/02	18	50.0
8/22/02	7	10	86		12324	41.2	03	PR		6628	5/18/02	17	50.0
7/13/02	8	11	106		13235	41.5	03	PR		6628	5/18/02	19	50.0
6/4/02	9	12	108		11982	42.9	03	PR		6628	5/18/02	21	50.0
5/2/02	7	14	112		15966	33.3	03	PR		6687	2/20/02	21	50.0
4/23/02	8	10	153		19118	44.4	03	PR		6687	2/20/02	18	50.0
3/3/02	5	6	143		28626	45.5	03	PR		6687	2/20/02	11	50.0
2/22/02	4	4	149		37255	50.0	03	PR		6687	2/20/02	8	50.0
1/10/02	4	6	145		36273	40.0	03	PR		6755	3/1/01	10	50.0
10/25/01	4	6	155		38725	40.0	03	PR		6755	3/1/01	10	50.0
7/26/01	3	6	157		52287	33.3	03	PR		6755	3/1/01	9	50.0
4/19/01	3	7	162		53920	30.0	03	PR		6755	3/1/01	10	50.0
3/2/01	3	8	165		54900	27.3	03	PR		6755	3/1/01	11	50.0
3/1/01	3	7	163		54247	30.0	03	PR		6789	2/22/01	10	50.0
2/28/01	4	7	184		46078	36.4	03	PR		6789	2/22/01	11	50.0
2/27/01	4	7	184		46078	36.4	03	PR		6789	2/22/01	11	50.0
2/26/01	3	7	187		62417	30.0	03	PR		6789	2/22/01	10	50.0
2/25/01	3	9	202		67320	25.0	03	PR		6789	2/22/01	12	50.0
2/24/01	3	10	206		68627	23.1	03	PR		6789	2/22/01	13	50.0
2/24/01	3	10	119		39540	23.1	03	PR		6789	2/22/01	13	50.0
2/22/01	3	10	217		72220	23.1	03	PR		6789	2/22/01	13	50.0
2/21/01	4	16	233		58333	20.0	03	PR		3441	2/14/01	20	0.0
2/20/01	4	22	270		67400	15.4	03	PR		3441	2/14/01	26	0.0
2/17/01	4	18	300		74998	18.2	03	PR		3441	2/14/01	22	0.0
2/16/01	6	20	319		53103	23.1	03	PR		3441	2/14/01	26	0.0
2/15/01	0	45	331		#DIV/0!	0.0	03	PR		3441	2/14/01	45	0.0
2/14/01	0	57	297		#DIV/0!	0.0	03	PR		3441	2/14/01	57	0.0
10/25/00	2	0	58		28920	100.0	99	ZR				2	
10/25/00	2	0	58		28920	100.0	99	ZR				2	
7/31/00	2	0	57		28430	100.0	99	ZR				2	
7/31/00	2	0	57		28430	100.0	99	ZR				2	
5/1/00	2	0	57		28675	100.0	99	ZR				2	
5/1/00	2	0	57		28675	100.0	99	ZR				2	
4/26/00	1	0	49	40	48750	100.0	02	ZR		6674	4/26/00	1	15.0
4/26/00	1	0	10	40	9750	100.0	01	ZR		6674	4/26/00	1	15.0
4/26/00	1	0	10	40	9750	100.0	01	ZR		6674	4/26/00	1	15.0
4/26/00	1	0	10	40	9750	100.0	01	ZR		6674	4/26/00	1	15.0
4/26/00	1	0	49	40	48750	100.0	02	ZR		6674	4/26/00	1	15.0
4/26/00	1	0	49	40	48750	100.0	02	ZR		6674	4/26/00	1	15.0
1/25/00	1	0	50	40	49730	100.0	02	ZR		6674	11/25/99	1	15.0
1/25/00	1	0	10	40	9750	100.0	01	ZR		6674	11/25/99	1	15.0
1/25/00	1	0	10	40	9750	100.0	01	ZR		6674	11/25/99	1	15.0
1/25/00	1	0	50	40	49730	100.0	02	ZR		6674	11/25/99	1	15.0
11/25/99	1	0	49	40	48750	100.0	02	ZR		6674	11/25/99	1	15.0
11/25/99	1	0	10	40	9750	100.0	01	ZR		6674	11/25/99	1	15.0
11/25/99	1	0	10	40	9750	100.0	01	ZR		6674	11/25/99	1	15.0
11/25/99	1	0	49	40	48750	100.0	02	ZR		6674	11/25/99	1	15.0
8/25/99	1	0	49	40	48750	100.0	02	ZR			1/1/85	1	6.3
8/25/99	1	0	10	40	9750	100.0	01	ZR			1/1/85	1	6.3
8/25/99	1	0	49	40	48750	100.0	02	ZR			1/1/85	1	6.3

WELL TEST REPORT

Lease: **MATTERN H T /NCT-C/** Field: **DRINKARD** Reservoir: **DRINKARD**

Well: **6** Field Code: **U41** Resv Code: **DL**

Unique Code: **PU415300** Battery: **MATTERN NCT-C #5**

Wellbore: **047635** API No: **300252509900**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
11/15/02	4	15	20	40	5000	21.1	01	PR		6538	5/18/02	19	33.0
11/15/02	4	15	20	40	5000	21.1	01	PR		6538	5/18/02	19	33.0
9/16/02	4	17	24	40	6095	19.0	01	PR		6538	5/18/02	21	33.0
8/26/02	5	18	29	40	5850	21.7	01	PR		6538	5/18/02	23	33.0
7/12/02	4	16	23	40	5850	20.0	01	PR		6538	5/18/02	20	33.0
6/10/02	7	20	35	40	5014	25.9	01	PR		6538	5/18/02	27	33.0
5/3/02	5	22	33	40	6630	18.5	01	PR		6570	2/20/02	27	32.0
3/5/02	5	17	37	40	7410	22.7	01	PR		6570	2/20/02	22	32.0
2/21/02	6	18	39	40	6500	25.0	01	PR		6570	2/20/02	24	85.0
1/8/02	6	20	41	40	6825	23.1	01	PR		6485	12/16/01	26	85.0
10/25/01	7	20	39	40	5571	25.9	01	PR		6353	4/26/00	27	85.0
7/26/01	7	20	40	40	5711	25.9	01	PR		6353	4/26/00	27	85.0
4/19/01	8	20	41	40	5119	28.6	01	PR		6353	4/26/00	28	85.0
1/26/01	8	21	41	40	5119	27.6	01	PR		6353	4/26/00	29	85.0
10/25/00	8	20	60	40	7556	28.6	01	PR		6353	4/26/00	28	85.0
7/31/00	7	18	60	40	8636	28.0	01	PR		6353	4/26/00	25	85.0
7/31/00	7	18	60	40	8636	28.0	01	PR		6353	4/26/00	25	85.0
4/26/00	8	17	64	40	8044	32.0	01	PR		6353	4/26/00	25	0.0
4/26/00	8	17	64	40	8044	32.0	01	PR		6353	4/26/00	25	0.0
1/25/00	8	16	64	40	8044	33.3	01	PR		6322	11/24/99	24	0.0
1/25/00	8	16	64	40	8044	33.3	01	PR		6322	11/24/99	24	0.0
11/25/99	8	17	63	40	7923	32.0	01	PR		6322	11/24/99	25	0.0
11/25/99	8	17	63	40	7923	32.0	01	PR		6322	11/24/99	25	0.0
8/25/99	7	16	63	40	9054	30.4	01	PR			8/25/99	23	0.0
8/25/99	7	16	63	40	9054	30.4	01	PR			8/25/99	23	0.0
4/27/99	7	17	63		9054	29.2	01	PR				24	
4/27/99	7	17	63		9054	29.2	01	PR				24	
2/24/99	8	17	65		8166	32.0	01	PR				25	
2/24/99	8	17	65		8166	32.0	01	PR				25	
2/24/99	8	17	65		8166	32.0	01	PR				25	
12/9/98	7	16	64		9193	30.4	01	PR				23	
12/9/98	7	16	64		9193	30.4	01	PR				23	
9/29/98	8	16	62		7800	33.3	01	PR				24	
9/29/98	8	16	62		7800	33.3	01	PR				24	
7/24/98	8	17	63		7923	32.0	01	PR				25	
7/24/98	8	17	63		7923	32.0	01	PR				25	
5/20/98	7	17	62		8914	29.2	01	PR				24	
5/20/98	7	17	62		8914	29.2	01	PR				24	
3/11/98	8	17	64		8000	32.0	01	PR				25	
3/11/98	8	17	64		8000	32.0	01	PR				25	
1/28/98	8	16	63		7875	33.3	01	PR				24	
1/28/98	8	16	63		7875	33.3	01	PR				24	
11/12/97	9	15	64		7111	37.5	01	PR				24	
11/12/97	9	15	64		7111	37.5	01	PR				24	
9/18/97	8	16	63		7875	33.3	01	PR				24	
9/18/97	8	16	63		7875	33.3	01	PR				24	
7/22/97	5	16	56		11200	23.8	01	PR				21	
7/22/97	5	16	56		11200	23.8	01	PR				21	
5/13/97	5	17	60		11321	23.8	01	PR				22	
5/13/97	5	17	60		11321	23.8	01	PR				22	
2/19/97	6	17	61		11091	24.4	01	PR				23	
2/19/97	6	17	61		11091	24.4	01	PR				23	

WELL TEST REPORT

Lease: MATTERN H T /NCT-C/ | Field: BLINEBRY OIL & GAS | Reservoir: BLINEBRY

Well: 7 | Field Code: U46 | Resv Code: BM

Unique Code: PU466500 | Battery: GSAU GAS - PHILL

Wellbore: 047636 | API No: 300252511100

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
12/24/02	6	390	127	175	**21167**	**1.5**	01	ZR			12/19/02	396	0.0
12/23/02	4	452	163	180	**40750**	**0.9**	01	ZR			12/19/02	456	0.0
12/22/02	3	479	129	180	**43000**	**0.6**	01	ZR			12/19/02	482	0.0
12/21/02	2	446	141	180	**94000**	**0.3**	01	ZR			12/19/02	448	0.0
12/20/02	1	237	110	200	**220000**	**0.2**	01	ZR			12/19/02	238	0.0
12/19/02	0	179	121	375	**#DIV/0!**	**0.0**	01	ZR			12/19/02	179	0.0
11/2/92	5	65	70	40	**14000**	**7.1**	01	ZR			1/1/85	70	92.0
11/2/92				40	**#VALUE!**	**#####**	01	ZR			1/1/85	#VALUE!	0.0

WELL TEST REPORT

Lease: **MATTERN H T /NCT-C/** Field: **WANTZ** Reservoir: **ABO**

Well: **8** Field Code: **U52** Resv Code: **B8**

Unique Code: **PU523700** Battery: **MATTERN NCT-C #5**

Wellbore: **048168** API No: **300252511200**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
12/17/02	9	23	57	60	6207	28.8	03	PR		6794	5/18/02	32	38.0
11/17/02	10	58	55	60	5500	14.7	03	PR		6794	5/18/02	68	38.0
11/17/02	10	58	55	60	5500	14.7	03	PR		6794	5/18/02	68	38.0
9/14/02	10	60	57	60	5655	14.3	03	PR		6794	5/18/02	70	38.0
8/26/02	11	61	70	60	6328	15.3	03	PR		6794	5/18/02	72	38.0
7/6/02	10	63	57	60	5686	13.7	03	PR		6794	5/18/02	73	38.0
6/13/02	13	52	65	60	4977	20.0	03	PR		6794	5/18/02	65	40.0
5/4/02	10	61	59	60	5882	14.1	03	PR		6790	2/16/02	71	37.0
3/10/02	12	54	73	60	6046	18.2	03	PR		6790	2/16/02	66	40.0
2/10/02	11	63	75	60	6774	14.9	03	PR		6790	2/16/02	74	43.0
1/5/02	12	68	72	60	5964	15.0	03	PR		6690	1/5/02	80	41.0
10/25/01	13	63	80	60	6184	17.1	03	PR		6782	3/6/01	76	41.0
7/26/01	14	64	80	60	5742	17.9	03	PR		6782	3/6/01	78	41.0
6/1/01	14	64	78	60	5602	17.9	03	PR		6782	3/6/01	78	41.0
4/19/01	15	65	83	60	5555	18.8	03	PR		6782	3/6/01	80	41.0
3/21/01	15	67	84	60	5621	18.3	03	PR		6782	3/6/01	82	41.0
3/20/01	16	63	82	60	5147	20.3	03	PR		6782	3/6/01	79	43.0
3/19/01	16	62	84	60	5269	20.5	03	PR		6782	3/6/01	78	42.0
3/18/01	16	62	83	60	5208	20.5	03	PR		6782	3/6/01	78	43.0
3/17/01	14	81	82	60	5882	14.7	03	PR		6782	3/6/01	95	43.0
3/16/01	15	64	83	60	5555	19.0	03	PR		6782	3/6/01	79	54.0
3/15/01	14	61	83	60	5952	18.7	03	PR		6782	3/6/01	75	98.0
3/14/01	15	80	93	60	6209	15.8	03	PR		6782	3/6/01	95	98.0
3/13/01	16	138	87	60	5453	10.4	03	PR		6782	3/6/01	154	98.0
3/10/01	11	111	59	60	5347	9.0	03	PR		6782	3/6/01	122	98.0
3/9/01	12	150	67	60	5555	7.4	03	PR		6782	3/6/01	162	98.0
3/8/01	12	154	69	60	5719	7.2	03	PR		6782	3/6/01	166	98.0
3/7/01	18	142	20	60	1089	11.3	03	PR		6782	3/6/01	160	98.0
3/6/01	15	142	14	60	915	9.6	03	PR		6782	3/6/01	157	98.0
3/4/01	4	31	11	60	2695	11.4	03	PR		6773	3/2/01	35	39.0
3/3/01	5	29	10	60	1960	14.7	03	PR		6820	1/17/01	34	43.0
3/2/01	7	30	33	60	4761	18.9	03	PR		6820	1/17/01	37	43.0
2/10/01	7	56	41	60	5883	11.1	03	PR		6820	1/17/01	63	43.0
2/9/01	7	57	42	60	6023	10.9	03	PR		6820	1/17/01	64	43.0
2/8/01	7	56	43	60	6163	11.1	03	PR		6820	1/17/01	63	43.0
2/7/01	4	60	42	60	10540	6.3	03	PR		6820	1/17/01	64	43.0
2/6/01	8	68	51	60	6373	10.5	03	PR		6820	1/17/01	76	45.0
2/5/01	7	70	51	60	7283	9.1	03	PR		6820	1/17/01	77	46.0
2/4/01	8	69	51	60	6373	10.4	03	PR		6820	1/17/01	77	44.0
2/3/01	8	68	49	60	6128	10.5	03	PR		6820	1/17/01	76	46.0
2/2/01	8	69	51	60	6373	10.4	03	PR		6820	1/17/01	77	43.0
2/1/01	9	61	50	60	5556	12.9	03	PR		6820	1/17/01	70	55.0
1/31/01	8	59	50	60	6250	11.9	03	PR		6820	1/17/01	67	55.0
1/30/01	7	60	49	60	7003	10.4	03	PR		6820	1/17/01	67	55.0
1/29/01	8	64	50	60	6250	11.1	03	PR		6820	1/17/01	72	55.0
1/28/01	9	60	50	60	5556	13.0	03	PR		6820	1/17/01	69	55.0
1/27/01	8	61	58	60	7230	11.6	03	PR		6820	1/17/01	69	55.0
1/26/01	10	64	58	60	5784	13.5	03	PR		6820	1/17/01	74	55.0
1/24/01	7	70	78	60	11204	9.1	03	PR		6820	1/17/01	77	55.0
1/23/01	7	66	80	60	11484	9.6	03	PR		6820	1/17/01	73	55.0
1/22/01	6	76	80	60	13398	7.3	03	PR		6820	1/17/01	82	55.0
1/21/01	8	70	80	60	10049	10.3	03	PR		6820	1/17/01	78	55.0

WELL TEST REPORT

Lease: MATTERN H T /NCT-C/ | Field: BLINEBRY OIL & GAS | Reservoir: BLINEBRY

Well: 15 | Field Code: U46 | Resv Code: BM

Unique Code: PU466500 | Battery: MATTERN NCT-C #5

Wellbore: 047645 | API No: 300252752900

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
11/18/02	4	9	37	45	9250	30.8	01	PR		5788	5/18/02	13	30.0
11/18/02	4	9	37	45	9250	30.8	01	PR		5788	5/18/02	13	30.0
9/13/02	5	8	38	45	7606	38.5	01	PR		5788	5/18/02	13	30.0
8/9/02	5	7	39	45	7800	41.7	01	PR		5788	5/18/02	12	30.0
6/9/02	6	7	39	45	6500	46.2	01	PR		5788	5/18/02	13	30.0
6/8/02	4	9	38	45	9508	30.8	01	PR		5788	5/18/02	13	30.0
5/5/02	5	8	40	45	7457	40.3	01	PR		5545	3/2/02	13	45.0
3/7/02	6	7	42	45	6988	46.2	01	PR		5545	3/2/02	13	45.0
2/18/02	6	6	41	45	6825	50.0	01	PR		5690	12/12/01	12	45.0
1/9/02	5	6	43	45	8580	45.5	01	PR		5690	12/12/01	11	45.0
10/25/01	4	5	45	45	11213	44.4	01	PR		5874	4/26/00	9	45.0
7/26/01	5	4	47	45	9360	55.6	01	PR		5874	4/26/00	9	45.0
4/19/01	4	4	47	45	11700	50.0	01	PR		5874	4/26/00	8	45.0
10/25/00	4	4	47	45	11700	50.0	01	PR		5874	4/26/00	8	45.0
7/31/00	3	4	42	45	13977	42.9	01	PR		5874	4/26/00	7	45.0
7/31/00	3	4	42	45	13977	42.9	01	PR		5874	4/26/00	7	45.0
4/26/00	4	4	48	45	11945	50.0	01	PR		5874	4/26/00	8	45.0
4/26/00	4	4	48	45	11945	50.0	01	PR		5874	4/26/00	8	45.0
1/25/00	4	3	47	45	11700	57.1	01	PR		5874	11/24/99	7	45.0
1/25/00	4	3	47	45	11700	57.1	01	PR		5874	11/24/99	7	45.0
11/25/99	4	4	48	45	11945	50.0	01	PR		5874	11/24/99	8	45.0
11/25/99	4	4	48	45	11945	50.0	01	PR		5874	11/24/99	8	45.0
8/25/99	4	4	48	45	11945	50.0	01	PR			1/1/85	8	25.0
8/25/99	4	4	48	45	11945	50.0	01	PR			1/1/85	8	25.0
4/27/99	4	4	46	45	12061	48.7	01	PR			1/1/85	8	31.3
4/27/99	4	4	46	45	12061	48.7	01	PR			1/1/85	8	31.3
2/24/99	4	4	48	45	11945	50.0	01	PR			1/1/85	8	31.3
2/24/99	4	4	48	45	11945	50.0	01	PR			1/1/85	8	31.3
2/24/99	4	4	48	45	11945	50.0	01	PR			1/1/85	8	31.3
12/9/98	4	4	47	45	11700	50.0	01	PR			1/1/85	8	31.3
12/9/98	4	4	47	45	11700	50.0	01	PR			1/1/85	8	31.3
9/29/98	4	4	44	45	10970	50.0	01	PR			1/1/85	8	31.3
9/29/98	4	4	44	45	10970	50.0	01	PR			1/1/85	8	31.3
7/24/98	4	4	45	45	11213	50.0	01	PR			1/1/85	8	31.3
7/24/98	4	4	45	45	11213	50.0	01	PR			1/1/85	8	31.3
5/20/98	4	4	44	45	11547	48.7	01	PR			1/1/85	8	31.3
5/20/98	4	4	44	45	11547	48.7	01	PR			1/1/85	8	31.3
3/11/98	4	4	44	45	11000	50.0	01	PR			1/1/85	8	31.3
3/11/98	4	4	44	45	11000	50.0	01	PR			1/1/85	8	31.3
1/28/98	4	4	43	45	10750	50.0	01	PR			1/1/85	8	31.3
1/28/98	4	4	43	45	10750	50.0	01	PR			1/1/85	8	31.3
11/12/97	4	4	45	45	11250	51.9	01	PR			1/1/85	8	31.3
11/12/97	4	4	45	45	11250	51.9	01	PR			1/1/85	8	31.3
9/18/97	4	4	45	45	11250	50.0	01	PR			1/1/85	8	31.3
9/18/97	4	4	45	45	11250	50.0	01	PR			1/1/85	8	31.3
7/22/97	2	3	39	45	19500	40.0	01	PR			1/1/85	5	31.3
7/22/97	2	3	39	45	19500	40.0	01	PR			1/1/85	5	31.3
5/13/97	2	3	40	45	20000	40.0	01	PR			1/1/85	5	31.3
5/13/97	2	3	40	45	20000	40.0	01	PR			1/1/85	5	31.3
2/19/97	2	4	43	45	21500	33.3	01	PR			1/1/85	6	31.3
2/19/97	2	4	43	45	21500	33.3	01	PR			1/1/85	6	31.3
12/18/96	3	4	48	45	19200	38.5	01	PR			1/1/85	7	31.3

WELL TEST REPORT

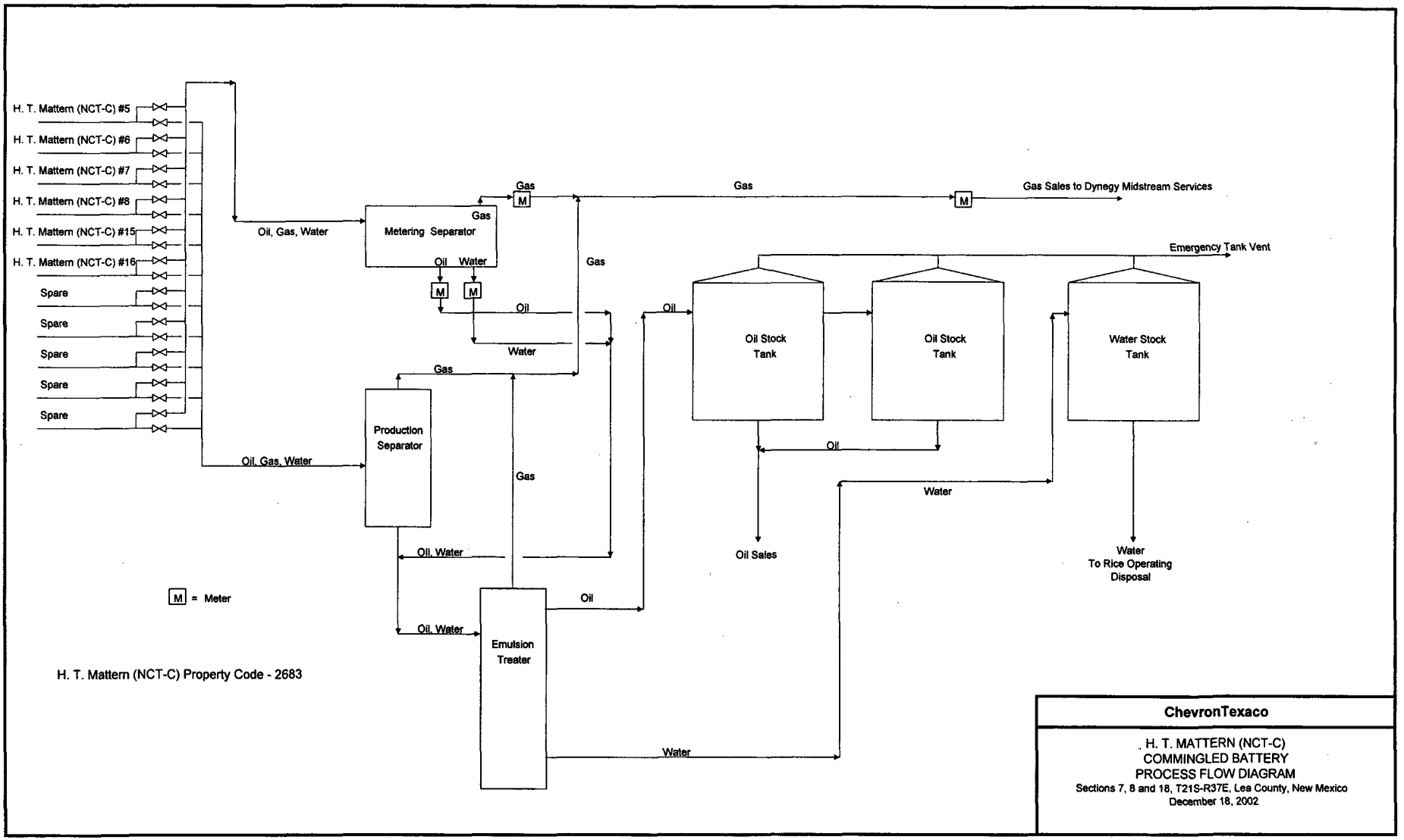
Lease: **MATTERN H T /NCT-C/** Field: **BLINEBRY OIL & GAS** Reservoir: **BLINEBRY**

Well: **16** Field Code: **U46** Resv Code: **BM**

Unique Code: **PU466500** Battery: **MATTERN NCT-C #5**

Wellbore: **047640** API No: **300252753000**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
11/1/02	5	6	25	45	**5000**	**45.5**	01	PR		5634	5/20/02	11	30.0
11/1/02	5	6	25	45	**5000**	**45.5**	01	PR		5634	5/20/02	11	30.0
9/16/02	5	7	29	45	**5850**	**41.7**	01	PR		5634	5/20/02	12	30.0
8/17/02	5	7	31	45	**5777**	**42.4**	01	PR		5634	5/20/02	13	30.0
7/7/02	4	6	29	45	**7313**	**40.0**	01	PR		5634	5/20/02	10	30.0
6/11/02	6	6	32	45	**5363**	**50.0**	01	PR		5634	5/20/02	12	30.0
3/9/02	5	8	32	45	**6436**	**38.5**	01	PR		5685	12/12/01	13	30.0
2/17/02	4	6	31	45	**7800**	**40.0**	01	PR		5685	12/12/01	10	30.0
1/9/02	4	7	29	45	**7313**	**36.4**	01	PR		5685	12/12/01	11	30.0
10/25/01	4	7	32	45	**8045**	**36.4**	01	PR		5744	4/26/00	11	30.0
7/26/01	4	7	33	45	**8288**	**36.4**	01	PR		5744	4/26/00	11	30.0
4/19/01	4	8	34	45	**8533**	**33.3**	01	PR		5744	4/26/00	12	30.0
7/31/00	3	8	29	45	**9750**	**27.3**	01	PR		5744	4/26/00	11	30.0
7/31/00	3	8	29	45	**9750**	**27.3**	01	PR		5744	4/26/00	11	30.0
4/26/00	4	9	34	45	**8533**	**30.8**	01	PR		5744	4/26/00	13	30.0
4/26/00	4	9	34	45	**8533**	**30.8**	01	PR		5744	4/26/00	13	30.0
1/25/00	4	8	34	45	**8533**	**33.3**	01	PR		5744	11/25/99	12	30.0
1/25/00	4	8	34	45	**8533**	**33.3**	01	PR		5744	11/25/99	12	30.0
11/25/99	4	8	33	45	**8288**	**33.3**	01	PR		5744	11/25/99	12	30.0
11/25/99	4	8	33	45	**8288**	**33.3**	01	PR		5744	11/25/99	12	30.0
8/25/99	4	8	33	45	**8288**	**33.3**	01	PR			1/1/85	12	25.0
8/25/99	4	8	33	45	**8288**	**33.3**	01	PR			1/1/85	12	25.0
4/27/99	4	9	33	45	**8500**	**30.2**	01	PR			1/1/85	13	28.1
4/27/99	4	9	33	45	**8500**	**30.2**	01	PR			1/1/85	13	28.1
2/24/99	4	9	34	45	**8533**	**30.8**	01	PR			1/1/85	13	28.1
2/24/99	4	9	34	45	**8533**	**30.8**	01	PR			1/1/85	13	28.1
2/24/99	4	9	34	45	**8533**	**30.8**	01	PR			1/1/85	13	28.1
12/9/98	4	9	35	45	**8775**	**30.8**	01	PR			1/1/85	13	28.1
12/9/98	4	9	35	45	**8775**	**30.8**	01	PR			1/1/85	13	28.1
9/29/98	4	10	31	45	**7800**	**28.6**	01	PR			1/1/85	14	28.1
9/29/98	4	10	31	45	**7800**	**28.6**	01	PR			1/1/85	14	28.1
7/24/98	4	9	31	45	**7800**	**30.8**	01	PR			1/1/85	13	28.1
7/24/98	4	9	31	45	**7800**	**30.8**	01	PR			1/1/85	13	28.1
5/20/98	4	9	31	45	**8000**	**30.2**	01	PR			1/1/85	13	28.1
5/20/98	4	9	31	45	**8000**	**30.2**	01	PR			1/1/85	13	28.1
3/11/98	4	10	31	45	**7750**	**28.6**	01	PR			1/1/85	14	28.1
3/11/98	4	10	31	45	**7750**	**28.6**	01	PR			1/1/85	14	28.1
1/28/98	4	9	31	45	**7750**	**30.8**	01	PR			1/1/85	13	28.1
1/28/98	4	9	31	45	**7750**	**30.8**	01	PR			1/1/85	13	28.1
11/12/97	4	10	32	45	**8000**	**28.6**	01	PR			1/1/85	14	28.1
11/12/97	4	10	32	45	**8000**	**28.6**	01	PR			1/1/85	14	28.1
9/18/97	4	9	32	45	**8000**	**30.8**	01	PR			1/1/85	13	28.1
9/18/97	4	9	32	45	**8000**	**30.8**	01	PR			1/1/85	13	28.1
7/22/97	2	10	26	45	**13000**	**16.7**	01	PR			1/1/85	12	28.1
7/22/97	2	10	26	45	**13000**	**16.7**	01	PR			1/1/85	12	28.1
5/13/97	2	9	28	45	**14000**	**18.2**	01	PR			1/1/85	11	28.1
5/13/97	2	9	28	45	**14000**	**18.2**	01	PR			1/1/85	11	28.1
2/19/97	2	9	29	45	**14500**	**18.2**	01	PR			1/1/85	11	28.1
2/19/97	2	9	29	45	**14500**	**18.2**	01	PR			1/1/85	11	28.1
12/18/96	2	10	31	45	**14762**	**17.4**	01	PR			1/1/85	12	28.1
12/18/96	2	10	31	45	**14762**	**17.4**	01	PR			1/1/85	12	28.1
10/21/96	2	10	31	45	**14091**	**18.0**	01	PR			1/1/85	12	28.1


H. T. Mattern (NCT-C) #5
H. T. Mattern (NCT-C) #6
H. T. Mattern (NCT-C) #7
H. T. Mattern (NCT-C) #8
H. T. Mattern (NCT-C) #15
H. T. Mattern (NCT-C) #16
Spare
Spare
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Spare
Oil, Gas, Water
Metering Separator
Gas
M
Gas
Gas
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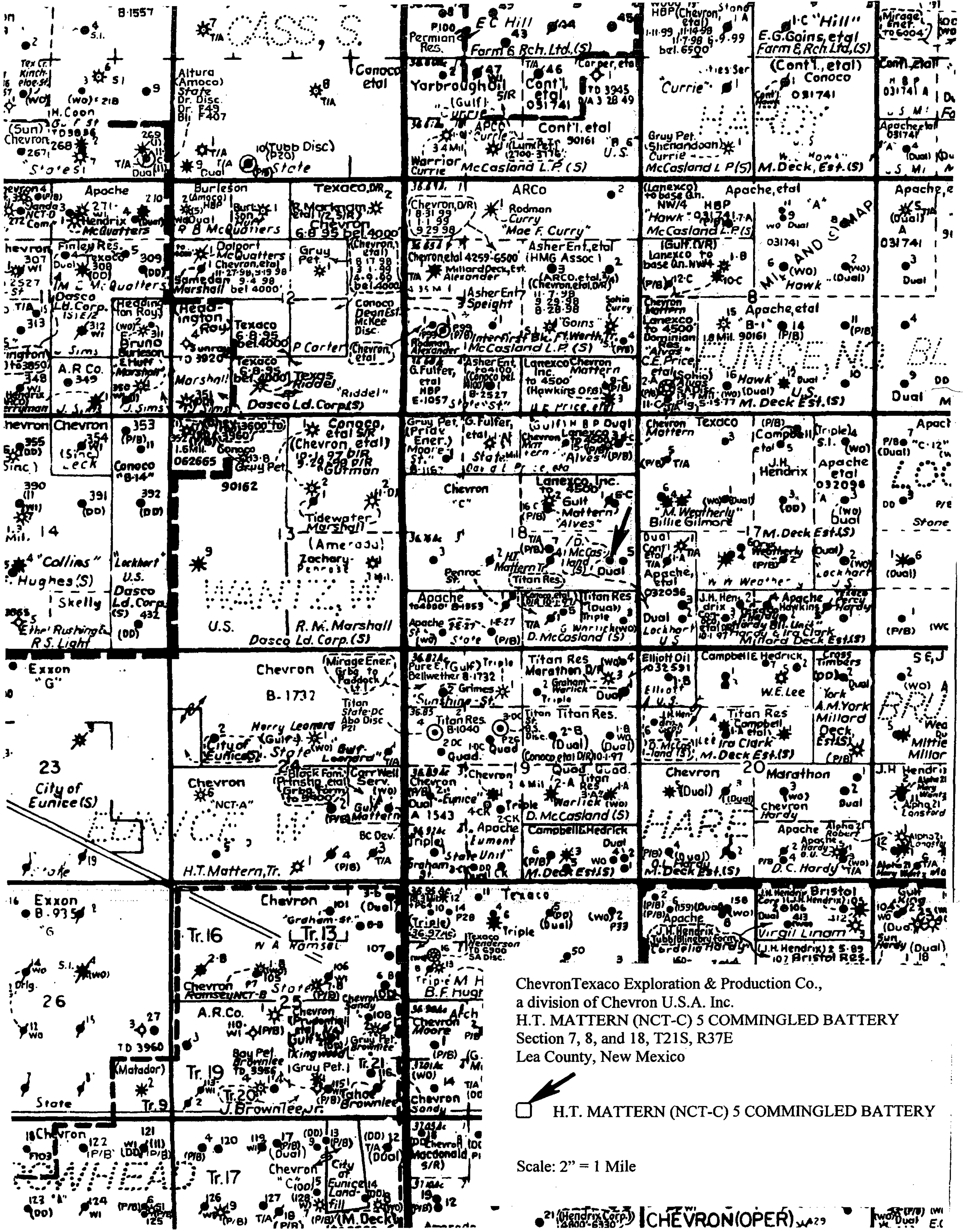
Gas Sales to Dynegy Midstream Services
Oil
Water
M
M
Oil
Water
Gas
Production Separator
Oil, Gas, Water
Gas
Oil, Water
Oil, Water
Emulsion Treater
Oil
Water
Oil
Oil Stock Tank
Oil Stock Tank
Water Stock Tank
Emergency Tank Vent
Oil
Oil Sales
Water
Water
To Rice Operating
Disposal
M = Meter
H. T. Mattern (NCT-C) Property Code - 2683
ChevronTexaco
H. T. MATTERN (NCT-C)
COMMINGLED BATTERY
PROCESS FLOW DIAGRAM
Sections 7, 8 and 18, T21S-R37E, Lea County, New Mexico
December 18, 2002



ChevronTexaco Exploration & Production Co.,
a division of Chevron U.S.A. Inc.
H.T. MATTERN (NCT-C) 5 COMMINGLED BATTERY
Section 7, 8, and 18, T21S, R37E
Lea County, New Mexico

H.T. MATTERN (NCT-C) 5 COMMINGLED BATTERY

Scale: 2" = 1 Mile