

DHC 1298 6/3/96

Southern

Rockies

Business

Unit

May 7, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Application for Exception to Rule 303-C - Downhole Commingling
Daum LS #4 Well
Unit B Section 32-T28N-R9W
Aztec Pictured Cliffs and Blanco Mesaverde Pools
San Juan County, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Steve Webb
Gail Jefferson
Wellfile
Proration File
Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy.
Farmington, NM 87401

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

DISTRICT II
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

☒ Administrative ☐ Hearing

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

EXISTING WELLBORE
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator
Daum LS

4

Address
B-32-28N-9W

San Juan

Lease Well No. Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000398 API NO. 3004507060 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	AZTEC PICTURED CLIFFS 71280		BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	2175' - 2217'		4448' - 4552'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 369 PSI b. (Original) 726 PSI	a. b.	a. 631 PSI b. 1218 PSI
6. Oil Gravity (° API) or Gas BTU Content	1294 BTU		1317 BTU
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no) • If Shut-In, give data 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 • If Producing, give date and oil/gas/water rates of recent test (within 60 days)	YES Date: Rates: 64 MCFD 0 BCPD 0 BWPD	 Date: Rates: Date: Rates:	YES Date: Rates: 4/96 9 MCFD 0 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 88 %	Oil: % Gas %	Oil: 0 % Gas 12 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☐ Yes ☒ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No SF-078329

15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

16. 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 all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 5/7/96

TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

NEW MEXICO
OIL CONSERVATION COMMISSION

Form 15-128

WELL LOCATION AND/OR GAS PRORATION PLAT

DATE JANUARY 3, 1957

OPERATOR EL PASO NATURAL GAS COMPANY LEASE DAUM SF 078329

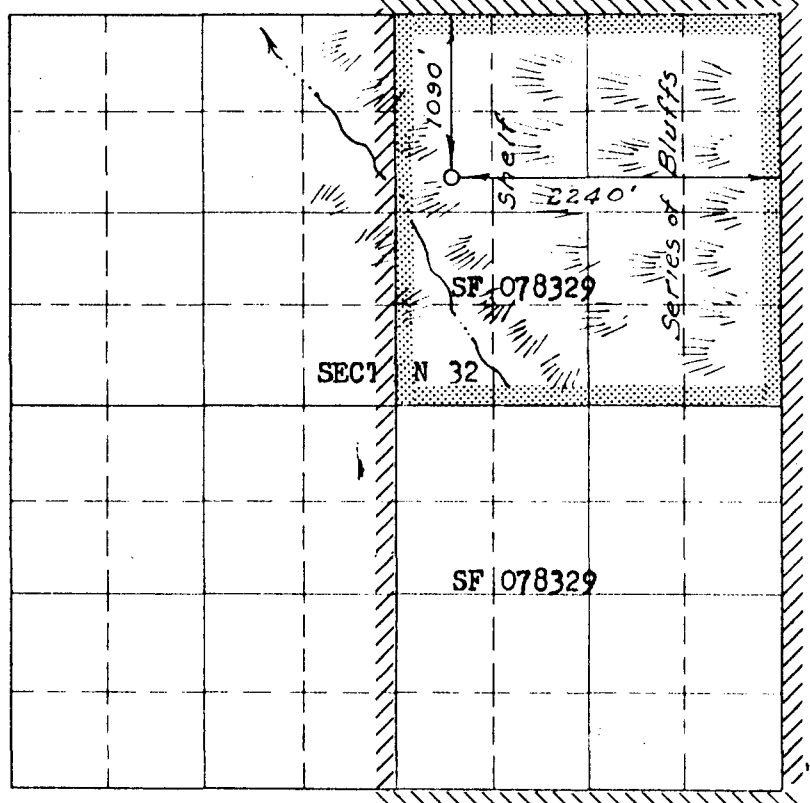
WELL NO. 4 (PM) SECTION 32 TOWNSHIP 28-N RANGE 9-W NMMP

LOCATED 1090 FEET FROM NORTH LINE 2240 FEET FROM EAST LINE

SAN JUAN COUNTY, NEW MEXICO SURFACE ELEVATION 6070

NAME OF PRODUKING FORMATION MV & PC BLANCO M.V. 334⁴² AC. M.V.
AZTEC P.C. 160 ACRES PC
(1919 PLAT)

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

NOTE

This section of
form is to be used
for gas wells only

This is to certify that the above plat was prepared from
field notes of actual surveys made by me or under my
supervision and that the same are true and correct to the
best of my knowledge and belief.

Date Surveyed DECEMBER 18, 1956

Russell H. McNamee
Registered ~~Professional~~ Land Surveyor

(Seal)

Farmington, New Mexico

1. Is this well a Dual Comp.
Yes X No _____
2. If the answer to Question 1
is yes, are there any other dually
completed wells within the
dedicated acreage.
Yes _____ No X

Name Original Signed EWELL N. WALSH

Position Petroleum Engineer

Representing El Paso Natural Gas Co.

Address Box 997, Farmington, N.M.

Engr: zdws22

DAUM LS 4

Operator- AMOCO PRODUCTION CO

300450706000PC B322809-004 PC

APC_WI - 0.50000000

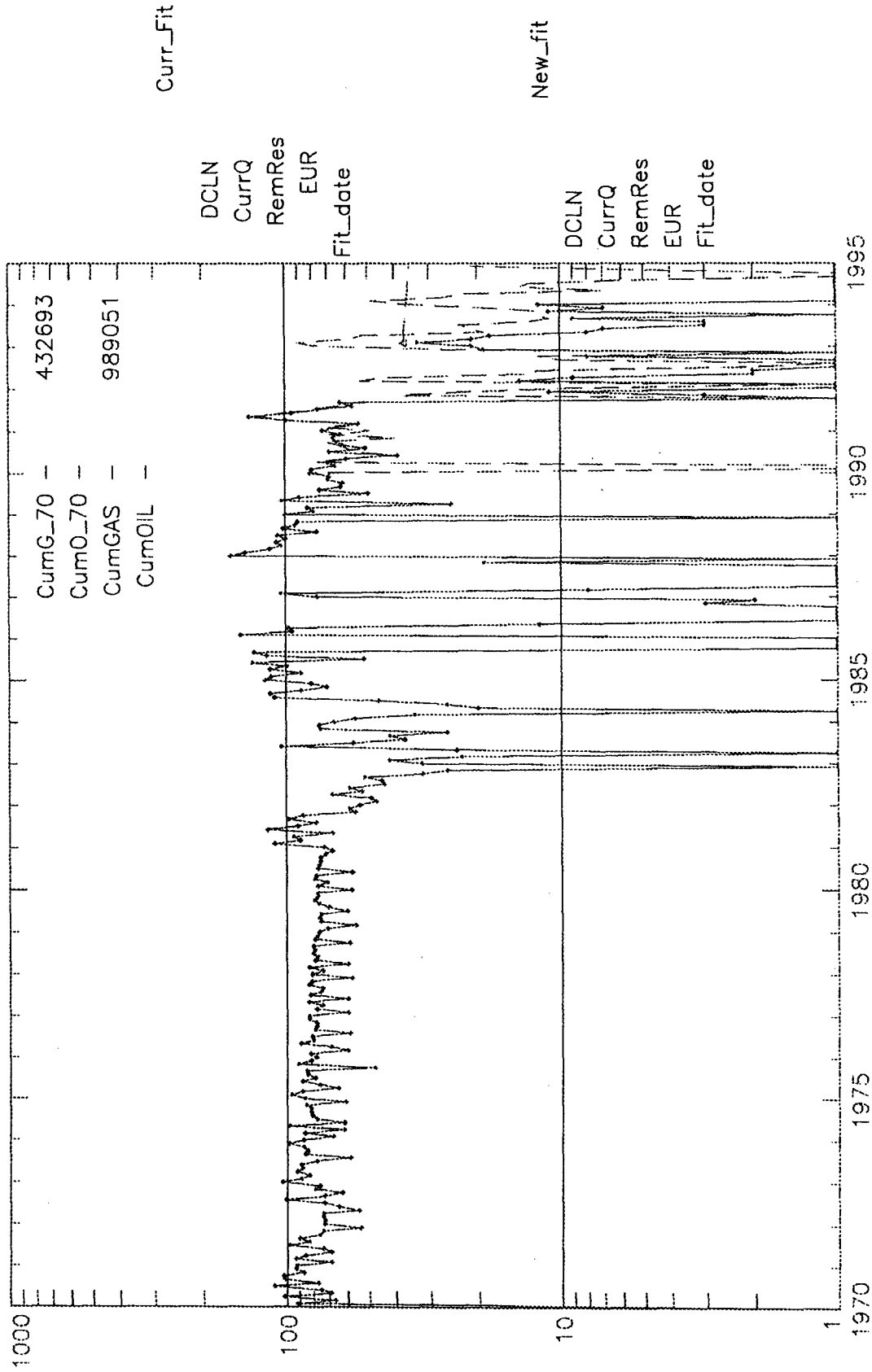
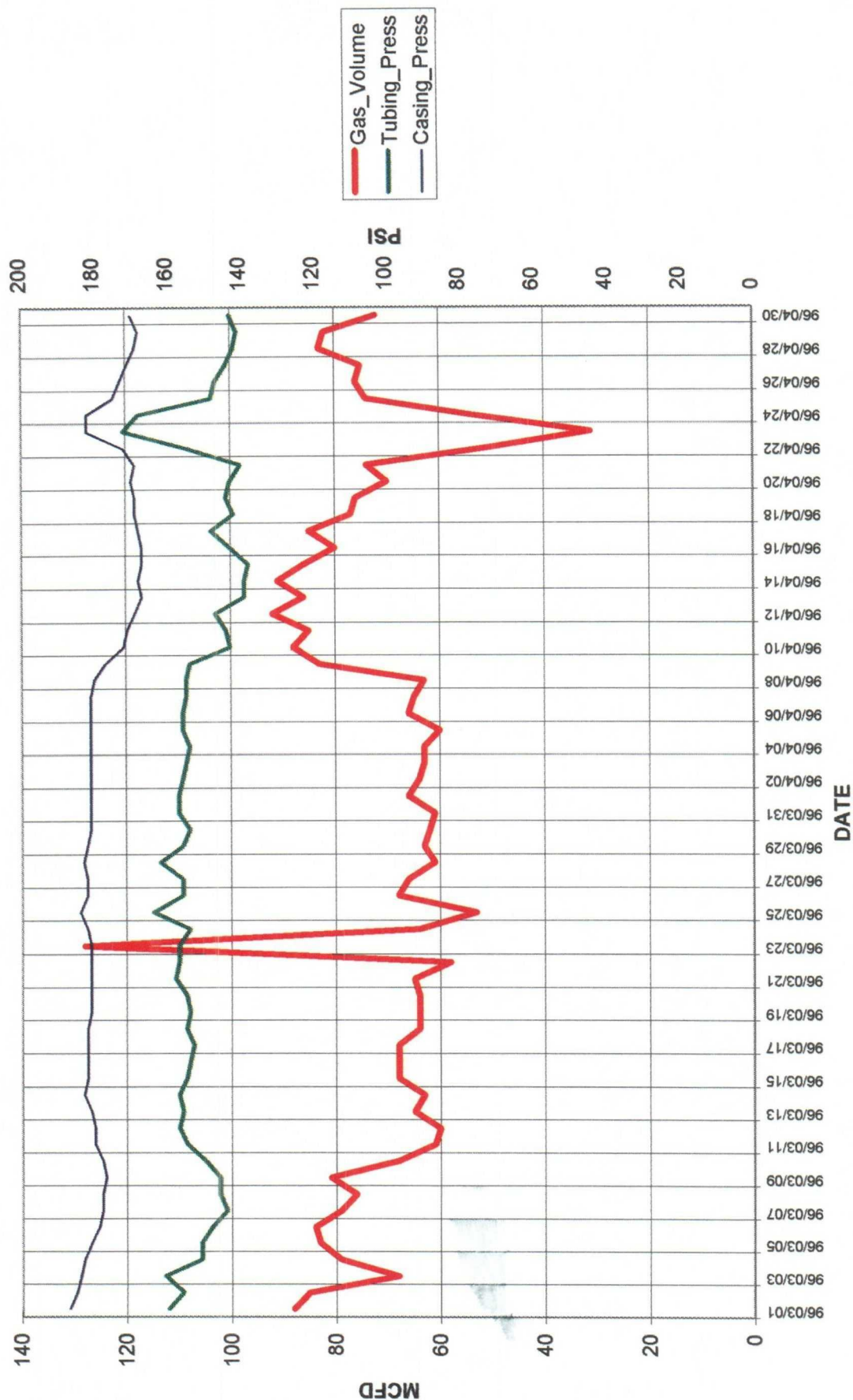


Chart1

Well: DAUM LS 004-PC (97850501)



Well Production Summary Report

Well: DAUM LS 004-PC

Report Date: 5/3/96

Flac: 97850501

Foreman: MARK RUSSELL

Meter: 71662

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Jan 01, 96	34	34	0.0	176	186	153	21	36		1/9/96
FLOWING										08:58:00
Jan 02, 96	43	43	0.0	172	183	150	18	35		1/9/96
FLOWING										08:58:00
Jan 03, 96	57	57	0.0	173	183	153	33	34		1/9/96
FLOWING										08:58:00
Jan 04, 96	53	53	0.0	172	185	149	65	36		1/9/96
FLOWING										08:58:00
Jan 05, 96	50	50	0.0	168	181	147	26	40		1/9/96
FLOWING										08:58:00
Jan 06, 96	52	52	0.0	166	183	147	26	40		1/9/96
FLOWING										08:58:00
Jan 07, 96	53	53	0.0	166	179	146	25	39		1/9/96
FLOWING										08:58:00
Jan 08, 96	52	52	0.0	165	181	145	26	41		1/9/96
FLOWING										08:58:00
Jan 09, 96	49	49	0.0	168	180	147	26	42		1/10/96
FLOWING										06:02:00
Jan 10, 96	58	58	0.0	155	175	132	45	43		2/6/96
FLOWING										06:05:00
Jan 11, 96	49	49	0.0	153	177	135	42	42		2/6/96
FLOWING										06:05:00
Jan 12, 96	51	51	0.0	155	179	137	45	43		2/6/96
FLOWING										06:05:00
Jan 13, 96	52	52	0.0	148	184	131	28	44		2/6/96
FLOWING										06:05:00
Jan 14, 96	50	50	0.0	154	184	136	41	42		2/6/96
FLOWING										06:05:00
Jan 15, 96	50	50	0.0	151	182	134	34	42		2/6/96
FLOWING										06:05:00
Jan 16, 96	64	64	0.0	156	183	138	41	44		2/6/96
FLOWING										06:05:00
Jan 17, 96	49	49	0.0	156	183	138	41	44		2/6/96
FLOWING										06:05:00
Jan 18, 96	49	49	0.0	148	181	132	42	39		2/6/96
FLOWING										06:05:00
Jan 19, 96	50	50	0.0	148	181	132	42	39		2/6/96
FLOWING										06:05:00
Jan 20, 96	50	50	0.0	148	172	133	56	38		2/6/96
FLOWING										06:05:00
Jan 21, 96	51	51	0.0	145	163	131	48	39		2/6/96
FLOWING										06:05:00
Jan 22, 96	53	53	0.0	140	162	126	29	40		2/6/96
FLOWING										06:05:00
Jan 23, 96	50	50	0.0	152	164	137	26	38		2/6/96
FLOWING										06:05:00
Jan 24, 96	45	45	0.0	157	169	141	21	38		2/6/96
FLOWING										06:05:00
Jan 25, 96	40	40	0.0	164	175	143	28	35		2/6/96
FLOWING										06:05:00
Jan 26, 96	28	28	0.0	162	172	142	11	34		2/6/96
FLOWING										06:05:00
Jan 27, 96	47	47	0.0	160	172	141	24	35		2/6/96
FLOWING										06:05:00
Jan 28, 96	40	40	0.0	164	175	144	15	41		2/6/96
FLOWING										06:05:00
Jan 29, 96	35	35	0.0	160	170	141	12	39		2/6/96
FLOWING										06:05:00
Jan 30, 96	24	24	0.0	160	170	141	12	39		2/6/96
FLOWING										11:10:00
Jan 31, 96	31	31	0.0	160	168	141	12	40		2/6/96
FLOWING										11:21:00
Feb 01, 96	33	33	0.0	166	176	146	19	39		2/6/96
FLOWING										11:35:00
Feb 02, 96	45	45	0.0	182	193	155	44	37		2/6/96
FLOWING										11:58:00
Total:	7,881	64	0.0	159	181	135	48	49	0	

Well Production Summary Report

Well: DAUM LS 004-PC

Report Date: 5/3/96

Flac: 97850501

Foreman: MARK RUSSELL

Meter: 71662

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Feb 03, 96 FLOWING	41	41	0.0	187	200	163	21	35		2/6/96 11:58:00
Feb 04, 96 FLOWING	60	60	0.0	187	200	155	54	36		2/6/96 11:58:00
Feb 05, 96 FLOWING	50	50	0.0	185	198	160	35	43		2/6/96 11:58:00
Feb 06, 96 FLOWING	53	53	0.0	185	198	160	38	45		2/7/96 06:03:00
Feb 07, 96 FLOWING	58	58	0.0	182	197	157	48	45		2/8/96 06:05:00
Feb 08, 96 FLOWING	61	61	0.0	185	200	144	62	46		2/9/96 06:02:00
Feb 09, 96 FLOWING	74	74	0.0	186	204	134	104	48		2/10/96 06:03:00
Feb 10, 96 FLOWING	74	74	0.0	179	197	133	104	48		2/11/96 06:02:00
Feb 11, 96 FLOWING	74	74	0.0	175	193	131	104	48		2/12/96 06:03:00
Feb 12, 96 FLOWING	51	51	0.0	178	192	144	46	50		2/13/96 06:04:00
Feb 13, 96 FLOWING	46	46	0.0	183	195	151	35	50		2/14/96 06:04:00
Feb 14, 96 FLOWING	74	74	0.0	174	191	133	104	50		2/15/96 06:03:00
Feb 15, 96 FLOWING	74	74	0.0	171	189	130	106	51		2/16/96 06:03:00
Feb 16, 96 FLOWING	74	74	0.0	169	187	129	107	51		2/17/96 06:08:00
Feb 17, 96 FLOWING	74	74	0.0	173	191	129	107	52		2/18/96 06:02:00
Feb 18, 96 FLOWING	73	73	0.0	174	191	131	104	53		2/19/96 06:03:00
Feb 19, 96 FLOWING	74	74	0.0	173	191	128	108	50		2/20/96 06:03:00
Feb 20, 96 FLOWING	74	74	0.0	174	191	129	108	52		2/21/96 06:03:00
Feb 21, 96 FLOWING	55	55	0.0	178	194	132	92	52		2/22/96 06:06:00
Feb 22, 96 FLOWING	36	36	0.0	190	203	154	74	50		2/23/96 06:04:00
Feb 23, 96 FLOWING	72	72	0.0	167	195	141	60	48		2/24/96 06:05:00
Feb 24, 96 FLOWING	84	84	0.0	162	191	133	89	49		2/28/96 11:29:00
Feb 25, 96 FLOWING	83	83	0.0	153	189	128	90	50		2/29/96 11:29:00
Feb 26, 96 FLOWING	82	82	0.0	156	187	128	90	44		2/29/96 11:29:00
Feb 27, 96 FLOWING	88	88	0.0	165	189	129	92	41		3/5/96 06:02:00
Feb 28, 96 FLOWING	92	92	0.0	162	188	128	103	40		3/5/96 06:02:00
Feb 29, 96 FLOWING	92	92	0.0	165	187	128	108	41		3/5/96 06:02:00
Mar 01, 96 FLOWING	88	88	0.0	160	187	127	94	42		3/3/96 16:42:00
Mar 02, 96 FLOWING	85	85	0.0	156	185	128	96	46		3/3/96 17:07:00
Mar 03, 96 FLOWING	68	68	0.0	161	184	134	75	47		3/4/96 06:05:00
Mar 04, 96 FLOWING	79	79	0.0	151	183	129	83	49		3/11/96 12:33:00
Mar 05, 96 FLOWING	83	83	0.0	151	181	127	92	50		3/15/96 11:20:00
Mar 06, 96 FLOWING	84	84	0.0	148	179	124	95	46		3/15/96 11:20:00
Total:	7,881	64	0.0	159	181	135	48	49	0	

Well Production Summary Report

Well: DAUM LS 004-PC

Report Date: 5/3/96

Flac: 97850501

Foreman: MARK RUSSELL

Meter: 71662

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Mar 07, 96	79	79	0.0	144	178	122	86	47		3/15/96 11:20:00
FLOWING										
Mar 08, 96	76	76	0.0	146	178	121	88	51		3/15/96 11:20:00
FLOWING										
Mar 09, 96	81	81	0.0	146	177	122	92	52		3/15/96 11:20:00
FLOWING										
Mar 10, 96	68	68	0.0	150	178	128	62	54		3/15/96 11:20:00
FLOWING										
Mar 11, 96	61	61	0.0	155	180	134	48	56		3/15/96 11:20:00
FLOWING										
Mar 12, 96	60	60	0.0	157	180	136	46	55		3/15/96 11:20:00
FLOWING										
Mar 13, 96	65	65	0.0	156	181	136	55	50		3/15/96 11:20:00
FLOWING										
Mar 14, 96	63	63	0.0	157	183	136	54	50		3/15/96 11:20:00
FLOWING										
Mar 15, 96	68	68	0.0	155	182	135	58	51		3/16/96 06:03:00
FLOWING										
Mar 16, 96	68	68	0.0	154	182	134	59	52		3/17/96 06:02:00
FLOWING										
Mar 17, 96	68	68	0.0	153	182	133	59	50		3/18/96 06:03:00
FLOWING										
Mar 18, 96	64	64	0.0	155	182	135	51	49		3/19/96 11:13:00
FLOWING										
Mar 19, 96	64	64	0.0	154	181	134	55	51		3/20/96 10:02:00
FLOWING										
Mar 20, 96	64	64	0.0	155	181	135	55	54		3/21/96 06:48:00
FLOWING										
Mar 21, 96	65	65	0.0	158	181	138	52	57		3/23/96 06:03:00
FLOWING										
Mar 22, 96	58	58	0.0	157	181	135	48	58		3/23/96 06:03:00
FLOWING										
Mar 23, 96	64	64	0.0	157	181	137	51	52		3/26/96 16:02:00
FLOWING										
Mar 23, 96	64	64	0.0	157	181	137	51	52		3/26/96 16:02:00
FLOWING										
Mar 24, 96	64	64	0.0	154	182	134	53	49		3/26/96 16:02:00
FLOWING										
Mar 25, 96	53	53	0.0	164	184	138	51	51		3/26/96 16:02:00
FLOWING										
Mar 26, 96	68	68	0.0	156	182	136	58	53		3/27/96 22:04:00
FLOWING										
Mar 27, 96	66	66	0.0	156	182	135	55	55		3/28/96 06:41:00
FLOWING										
Mar 28, 96	61	61	0.0	162	183	139	50	56		3/29/96 07:52:00
FLOWING										
Mar 29, 96	63	63	0.0	156	182	136	49	48		3/30/96 06:02:00
FLOWING										
Mar 30, 96	62	62	0.0	154	181	134	50	53		3/31/96 06:05:00
FLOWING										
Mar 31, 96	61	61	0.0	157	181	136	51	56		4/1/96 06:22:00
FLOWING										
Apr 01, 96	66	66	0.0	157	181	136	55	60		4/2/96 06:02:00
FLOWING										
Apr 02, 96	64	64	0.0	156	181	135	52	60		4/3/96 06:02:00
FLOWING										
Apr 03, 96	63	63	0.0	155	181	134	50	57		4/4/96 06:01:00
FLOWING										
Apr 04, 96	63	63	0.0	154	181	134	52	54		4/5/96 07:45:00
FLOWING										
Apr 05, 96	60	60	0.0	156	181	135	50	55		4/6/96 06:02:00
FLOWING										
Apr 06, 96	66	66	0.0	156	181	136	55	57		4/7/96 06:01:00
FLOWING										
Apr 07, 96	65	65	0.0	155	181	135	53	58		4/9/96 06:02:00
FLOWING										
Total:	7,881	64	0.0	159	181	135	48	49	0	

Well Production Summary Report

Well: DAUM LS 004-PC

Report Date: 5/3/96

Flac: 97850501

Foreman: MARK RUSSELL

Meter: 71662

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PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Apr 08, 96 FLOWING	63	63	0.0	155	180	134	51	62		4/10/96 07:27:00
Apr 09, 96 FLOWING	83	83	0.0	154	177	133	12	61		4/10/96 07:27:00
Apr 10, 96 FLOWING	88	88	0.0	143	172	125	14	59		4/12/96 06:02:00
Apr 11, 96 FLOWING	85	85	0.0	144	171	125	14	59		4/12/96 06:12:00
Apr 12, 96 FLOWING	92	92	0.0	147	169	127	17	59		4/15/96 11:29:00
Apr 13, 96 FLOWING	86	86	0.0	139	167	122	13	52		4/15/96 11:29:00
Apr 14, 96 FLOWING	91	91	0.0	139	168	122	15	55		4/15/96 11:29:00
Apr 15, 96 FLOWING	86	86	0.0	138	167	120	14	58		4/16/96 06:41:00
Apr 16, 96 FLOWING	80	80	0.0	143	167	123	13	62		4/17/96 06:07:00
Apr 17, 96 FLOWING	85	85	0.0	148	168	128	14	58		4/18/96 06:07:00
Apr 18, 96 FLOWING	77	77	0.0	142	169	124	10	58		4/19/96 06:06:00
Apr 19, 96 FLOWING	76	76	0.0	144	169	126	10	55		4/20/96 06:07:00
Apr 20, 96 FLOWING	70	70	0.0	143	170	125	8	56		4/21/96 06:07:00
Apr 21, 96 FLOWING	74	74	0.0	140	169	123	10	57		4/22/96 06:06:00
Apr 22, 96 FLOWING	51	51	0.0	155	172	128	6	55		4/24/96 06:07:00
Apr 23, 96 FLOWING	31	31	0.0	172	182	151	2	64		4/25/96 06:08:00
Apr 24, 96 FLOWING	54	54	0.0	168	182	142	6	66		4/25/96 06:08:00
Apr 25, 96 FLOWING	74	74	0.0	148	175	129	9	66		4/26/96 06:08:00
Apr 26, 96 FLOWING	76	76	0.0	147	173	128	10	64		4/27/96 06:08:00
Apr 27, 96 FLOWING	75	75	0.0	144	171	125	10	66		4/28/96 06:08:00
Apr 28, 96 FLOWING	83	83	0.0	142	169	124	13	59		4/29/96 06:08:00
Apr 29, 96 FLOWING	82	82	0.0	141	168	123	12	59		4/30/96 06:11:00
Apr 30, 96 FLOWING	72	72	0.0	143	170	125	9	63		5/1/96 06:53:00
May 01, 96 FLOWING	66	66	0.0	151	172	131	8	66		5/2/96 09:27:00
May 02, 96 FLOWING	69	69	0.0	145	172	127	8	67		5/3/96 07:16:00

Total:	7,881	64	0.0	159	181	135	48	49	0
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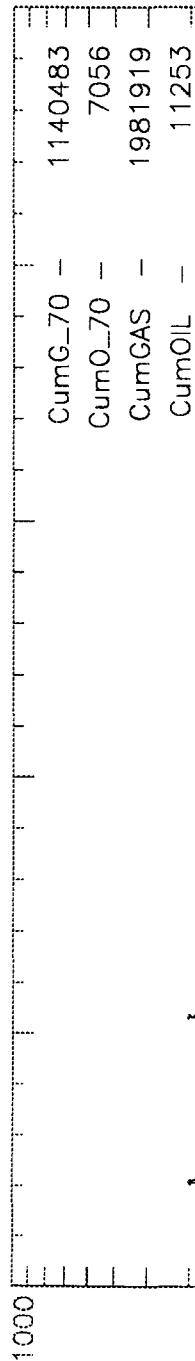
Engr: zdws22

DAUM LS 4

Operator- AMOCO PRODUCTION CO

300450706000MV B322809-004 MV

APC_WI - 0.50000000



Curr_Fit

DCLN
CurrQ
RemRes
EUR
Fit_date

New_fit

DCLN
CurrQ
RemRes
EUR
Fit_date

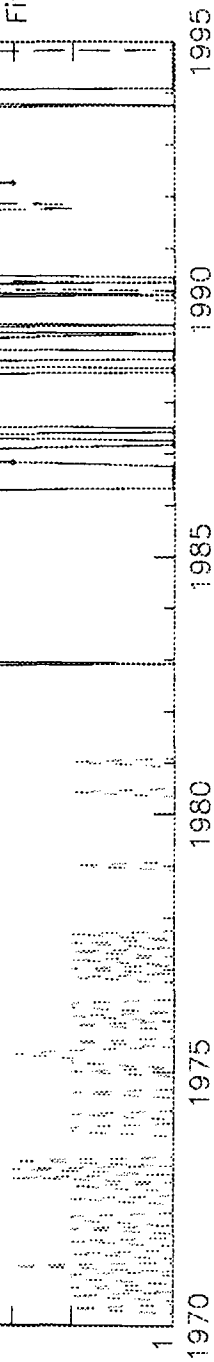
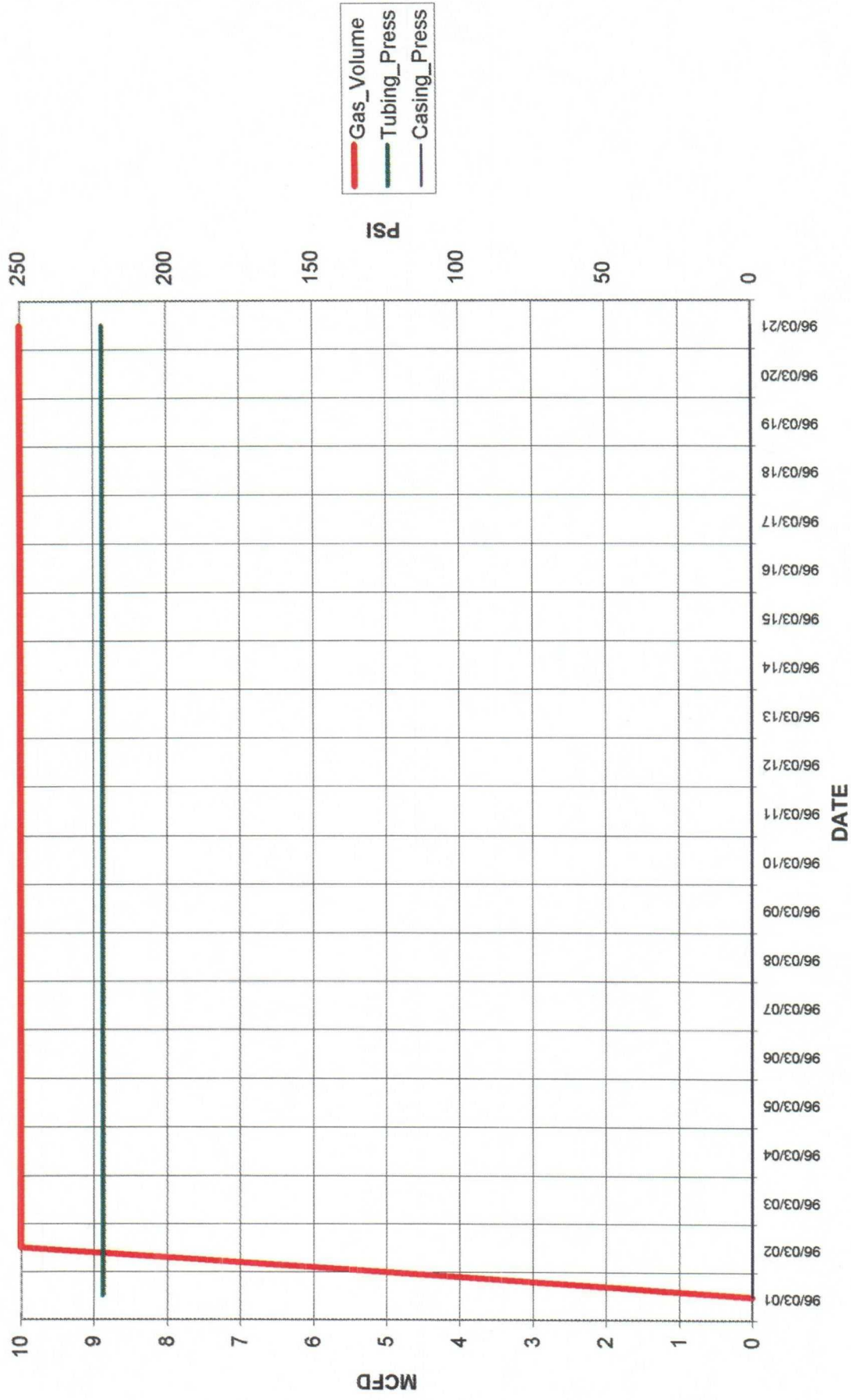


Chart1

Well: DAUM LS 004-MV (97850502)



Well Production Summary Report

Well: DAUM LS 004-MV

Report Date: 5/3/96

Flac: 97850502

Foreman: MARK RUSSELL

Meter: 71663

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Jan 01, 96	29	29	0.0	201		188	11	47		2/6/96 06:06:00
Jan 02, 96	35	35	0.0	214		189	12	37		2/6/96 06:06:00
Jan 03, 96	32	32	0.0	208		189	10	37		2/6/96 06:06:00
Jan 04, 96	37	37	0.0	211		191	10	51		2/6/96 06:06:00
Jan 05, 96	31	31	0.0	211		191	10	51		2/6/96 06:06:00
Jan 06, 96	18	18	0.0	228		197	7	38		2/6/96 06:06:00
Jan 07, 96	32	32	0.0	205		196	9	36		2/6/96 06:06:00
Jan 08, 96	14	14	0.0	217		200	9	31		2/6/96 06:06:00
Jan 09, 96	34	34	0.0	217		200	10	42		2/6/96 06:06:00
Jan 10, 96	33	33	0.0	217		200	10	42		2/6/96 06:06:00
Jan 11, 96	25	25	0.0	197		209	11	46		2/6/96 06:06:00
Jan 12, 96	1	1	0.0	220		209	15	27		2/6/96 06:06:00
Jan 13, 96	0	0	0.0	216		207	2	42		2/6/96 06:06:00
Jan 14, 96	4	4	0.0	222		205	1	50		2/6/96 06:06:00
Jan 15, 96	10	10	0.0	228		203	1	42		2/6/96 06:06:00
Jan 16, 96	8	8	0.0	220		206	1	47		2/6/96 06:06:00
Jan 17, 96	3	3	0.0	220		206	1	47		2/6/96 06:06:00
Jan 18, 96	10	10	0.0	184		213	6	38		2/6/96 06:06:00
Jan 19, 96	21	21	0.0	184		213	6	38		2/6/96 06:06:00
Jan 20, 96	0	0	0.0	42		240		51		2/6/96 06:06:00
Jan 21, 96	0	0	0.0	40		201		35		2/6/96 06:06:00
Jan 22, 96	1	1	0.0	60		198	5	29		2/6/96 06:06:00
Jan 23, 96	6	6	0.0	112		195	11	26		2/6/96 06:06:00
Jan 24, 96	9	9	0.0	126		189	11	26		2/6/96 06:06:00
Jan 25, 96	3	3	0.0	111		204	6	24		2/6/96 06:06:00
Jan 26, 96	0	0	0.0	111		204	6	24		2/6/96 06:06:00
Jan 27, 96	7	7	0.0	154		197	12	33		2/6/96 06:06:00
Jan 28, 96	10	10	0.0	122		199	11	36		2/6/96 06:06:00
Jan 29, 96	0	0	0.0	35		201		35		2/6/96 06:06:00
Jan 30, 96	0	0	0.0	35		194		37		2/6/96 11:10:00
Jan 31, 96	0	0	0.0	35		194		37		2/6/96 11:21:00
Feb 01, 96	16	16	0.0	35		194		37		3/11/96 14:29:00
Feb 02, 96	6	6	0.0	35		194		37		3/11/96 14:29:00
Total:	720	9	0.0	192		212	6	45	0	

Well Production Summary Report

Well: DAUM LS 004-MV

Report Date: 5/3/96

Flac: 97850502

Foreman: MARK RUSSELL

Meter: 71663

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Feb 03, 96 FLOWING	0	0	0.0	144		215	15	56		3/11/96 14:29:00
Feb 04, 96 FLOWING	0	0	0.0	197		199		37		3/11/96 14:29:00
Feb 05, 96 FLOWING	0	0	0.0	197		201		46		3/11/96 14:29:00
Feb 06, 96 FLOWING	0	0	0.0	210		216		44		3/11/96 14:29:00
Feb 07, 96 FLOWING	0	0	0.0	209		224	1	36		3/11/96 14:29:00
Feb 08, 96 FLOWING	0	0	0.0	213		234		44		3/11/96 14:29:00
Feb 09, 96 FLOWING	4	4	0.0	232		232	4	45		3/11/96 14:29:00
Feb 10, 96 FLOWING	8	8	0.0	227		229	6	46		3/11/96 14:29:00
Feb 11, 96 FLOWING	8	8	0.0	223		224	5	47		3/11/96 14:29:00
Feb 12, 96 FLOWING	21	21	0.0	221		219	6	55		3/11/96 14:29:00
Feb 13, 96 FLOWING	15	15	0.0	221		217	10	55		3/11/96 14:29:00
Feb 14, 96 FLOWING	8	8	0.0	222		220	7	50		3/11/96 14:29:00
Feb 15, 96 FLOWING	10	10	0.0	222		221	5	50		3/11/96 14:29:00
Feb 16, 96 SI - OTHER REASONS	11	11	0.0	222		221	5	50		3/11/96 14:29:00
Feb 17, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 18, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 19, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 20, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 21, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 22, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 23, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 24, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 25, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 26, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 27, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 28, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Feb 29, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Mar 01, 96 SI - OTHER REASONS	0	0	0.0	222		221	5	50		3/11/96 14:29:00
Mar 02, 96 SI - OTHER REASONS	10	10	0.0	222		221	5	50		3/11/96 14:29:00
Mar 03, 96 SI - OTHER REASONS	10	10	0.0	222		221	5	50		3/11/96 14:29:00
Mar 04, 96 SI - OTHER REASONS	10	10	0.0	222		221	5	50		3/11/96 14:29:00
Mar 05, 96 SI - OTHER REASONS	10	10	0.0	222		221	5	50		3/15/96 11:20:00
Mar 06, 96 SI - OTHER REASONS	10	10	0.0	222		221	5	50		3/15/96 11:20:00
Total:	720	9	0.0	192		212	6	45	0	

Well Production Summary Report

Well: DAUM LS 004-MV

Report Date: 5/3/96

Flac: 97850502

Foreman: MARK RUSSELL

Meter: 71663

Pumper: DICK ECKSTEIN

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Flow Mtr Prod.	Last Mod.
Mar 07, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 08, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 09, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 10, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 11, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 12, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 13, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 14, 96	10	10	0.0	222		221	5	50		3/15/96 11:20:00
SI - OTHER REASONS										
Mar 15, 96	10	10	0.0	222		221	5	50		3/16/96 06:03:00
SI - OTHER REASONS										
Mar 16, 96	10	10	0.0	222		221	5	50		3/17/96 06:02:00
SI - OTHER REASONS										
Mar 17, 96	10	10	0.0	222		221	5	50		3/18/96 06:03:00
SI - OTHER REASONS										
Mar 18, 96	10	10	0.0	222		221	5	50		3/19/96 11:13:00
SI - OTHER REASONS										
Mar 19, 96	10	10	0.0	222		221	5	50		3/20/96 10:02:00
SI - OTHER REASONS										
Mar 20, 96	10	10	0.0	222		221	5	50		3/21/96 06:48:00
SI - OTHER REASONS										
Mar 21, 96	10	10	0.0	222		221	5	50		3/22/96 07:17:00
SI - OTHER REASONS										

Total:	720	9	0.0	192		212	6	45	0	
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69882300 00001
617000 00
AMOCO PRODUCTION COMPANY
P O BOX 591
TULSA

ZJAM63

OK 74102-0591

69897300 00001
129569 00
MITZI EASLEY
3900 DOMINION COVE
AUSTIN

ZJAM63

TX 78759-7300

69897300 00001
682516 00
R E BEAMON III
SUITE 470
THREE RIVERWAY
HOUSTON

ZJAM63

TX 77056-1942

69897300 00001
910203 00
DEAH NELL GARDNER FOLK
56 RD 2755
AZTEC

ZJAM63

NM 87410-9745

69897300 00001
129567 00
BETSY BRYANT
2201 BROOKHOLLOW
ABILENE

ZJAM63

TX 79605-5507

69897300 00001
925719 00
BEN J JR GARDNER
P O BOX 3108 UPB
UNIVERSITY PARK
LAS CRUCES

ZJAM63

NM 88003-3108

69897300 00001
924261 00
HARRIET BUCHENAU
P O BOX 667585
PLANO

ZJAM63

TX 75086-7585

69897300 00001
923261 00
PAUL B AND SUSAN D HORTON
C/O MCCALL PARKHURST AND HORTON
900 MAXUS ENERGY TOWER
717 NORTH HARWOOD SUITE 900
DALLAS

ZJAM63

TX 75201-6587

69897300 00001
603416 25
CONOCO INC
P O BOX 951063
DALLAS

ZJAM63

TX 75395-1063

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924923 00
NIDA RAE LARSON
R RT 2 BOX 194
ELBORN LAKE

ZJAM63

MN 56531-9695

69897300 00001
221769 00
DUFF LEACH FAMILY TRUST
KENNETH C LEACH AND JUDITH DIANNE
DUFF LEACH CO-TRUSTEES
P O BOX 30396
ALBUQUERQUE

ZJAM63

NM 87190-0396

69897300 00001
680325 00
PATTIE BEAMON LUNDELL
1616 SOUTH VOSS #870
HOUSTON

ZJAM63

TX 77057-2626

69897300 00001
917838 00
T E DUFF TRUST
TED EDWARD DUFF, TRUSTEE
P O BOX 9908
MIDLAND

ZJAM63

TX 79708-2908

69897300 00001
926364 00
SARAH S MIMS TRUST
WILLIAM L MADSEN AND SARAH S MIMS
COTRUSTEES
P O BOX 111846
CARROLLTON

ZJAM63

TX 75011-1846

69882300 00001 ZJAM63
710000 01
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810 TA
DENVER CO 80217-5810

69882300 00001 ZJAM63
129568 00
SUSAN RITTER
P O BOX 162606
AUSTIN TX 78716-2606

69897300 00001 ZJAM63
615188 00
UNION OIL COMPANY OF CALIFORNIA
P O BOX 4531
HOUSTON TX 77210-4531

OFFSET OPERATORS

Daum LS #4

Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87499