



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1424

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201-0800

RECEIVED
JAN 22 1997

Attention: Ms. Pamela W. Staley

30-045-25659

OIL CON. DIV.
DHC-1424

*Heath Gas Com "P" Well No. 1E
Unit C, Section 31 Township 30 North, Range 9 West, NMPM,
San Juan County, New Mexico.
Blanco-Mesaverde (Prorated Gas - 72319)
Basin-Dakota (Prorated Gas - 71599) Pools*

Dear Ms. Staley:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Gas production from the Basin-Dakota Gas Pool shall be determined utilizing the monthly production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota Gas Pool production from the well's total monthly gas production.

The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

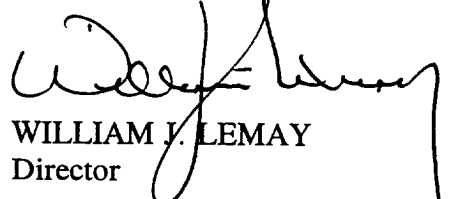
REMARKS: The operator shall notify the Aztec District Office of the Division upon

implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 16th day of January, 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

WJL/DRC

cc: Oil Conservation Division - Aztec /
Bureau of Land Management-Farmington



Southern

Rockies

Business

Unit

November 15, 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-A
Downhole Commingling
Heath Gas Com P#1E
Unit C Section 31-T30N-R9W
Basin Dakota and Blanco Mesaverde Pools
San Juan County, New Mexico

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OIL CON. DIV.
DIST. 3

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: Hiep Vu
Pat Archuleta
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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

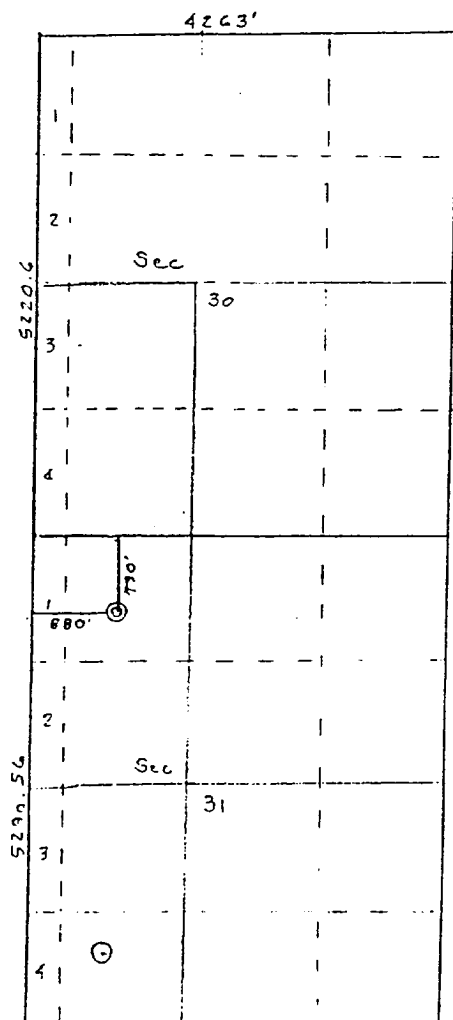
Operator AMOCO PRODUCTION COMPANY			Lease HEATH GAS COM "P"		Well No. 1E
Unit Letter C	Section 31	Township 30N	Range 9W	County San Juan	
Actual Footage Location of Wells 790 feet from the North line and 880 feet from the West line					
Ground Level Elev: 5967	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 308.56 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

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



RECEIVED
NOV 20 1986

OIL & GAS DIV.
ALBUQUERQUE

Scale: 1" = 2000'

CERTIFICATION

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

D. H. Shoemaker

Name
D. H. SHOEMAKER

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
JANUARY 11, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 20, 1982

Registered Professional Engineer and Land Surveyor

Fred B. Kerr
Fred B. Kerr
Certificate No. **1000**

District I
PO Box 1900, Hobbs, NM 88241-1900
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

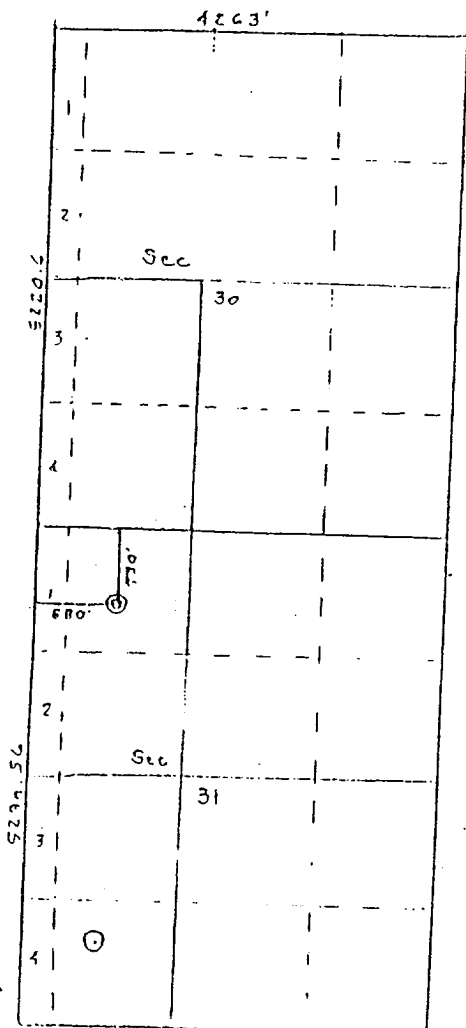
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-25659		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 000664		5 Property Name Heath Gas Com P			6 Well Number 1E
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation 5967'

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	31	30N	9W		790	North	880	West	San Juan

11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 308.56		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



17 OPERATOR CERTIFICATION

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

Patty Haebele
Signature
Patty Haebele

Printed Name
Staff Assistant

Title
8/5/96

Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

12/20/82
Date of Survey

Signature and Seal of Professional Surveyer:

on file

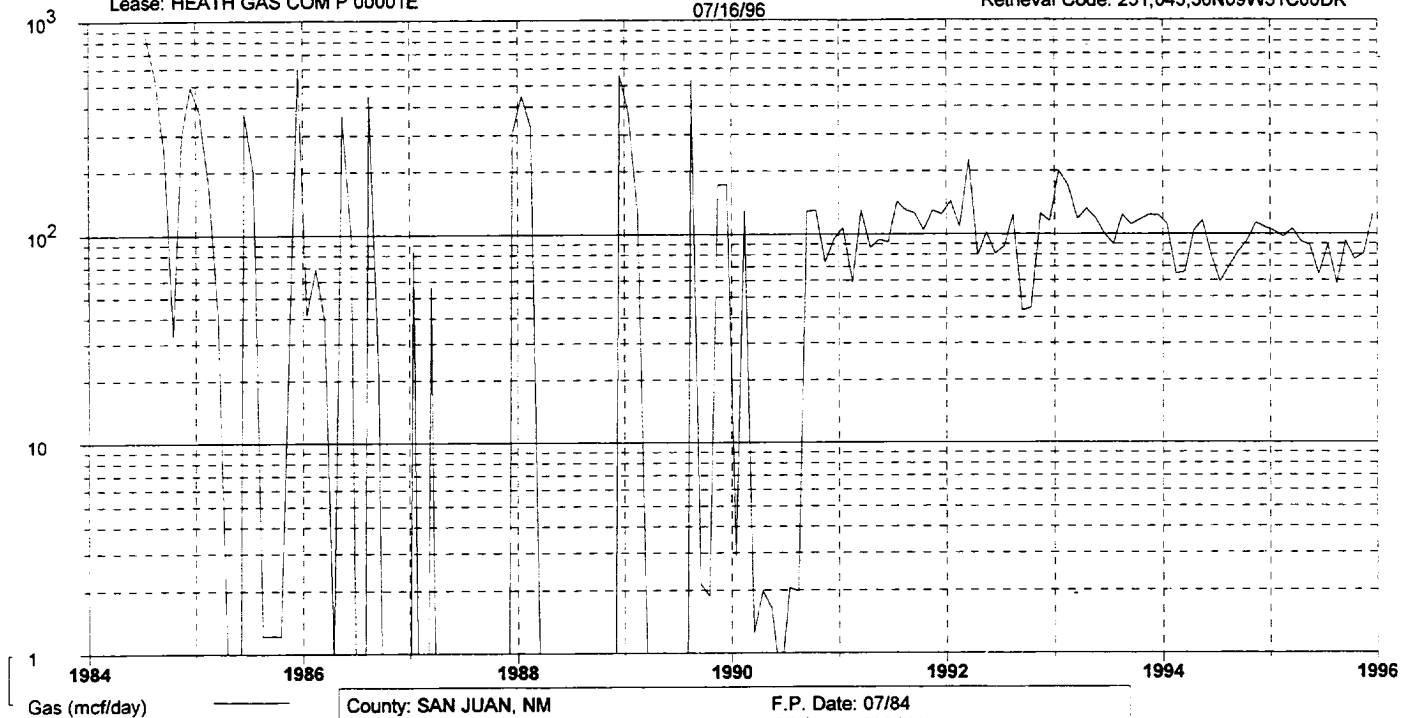
Certificate Number

Dwights

Lease: HEATH GAS COM P 00001E

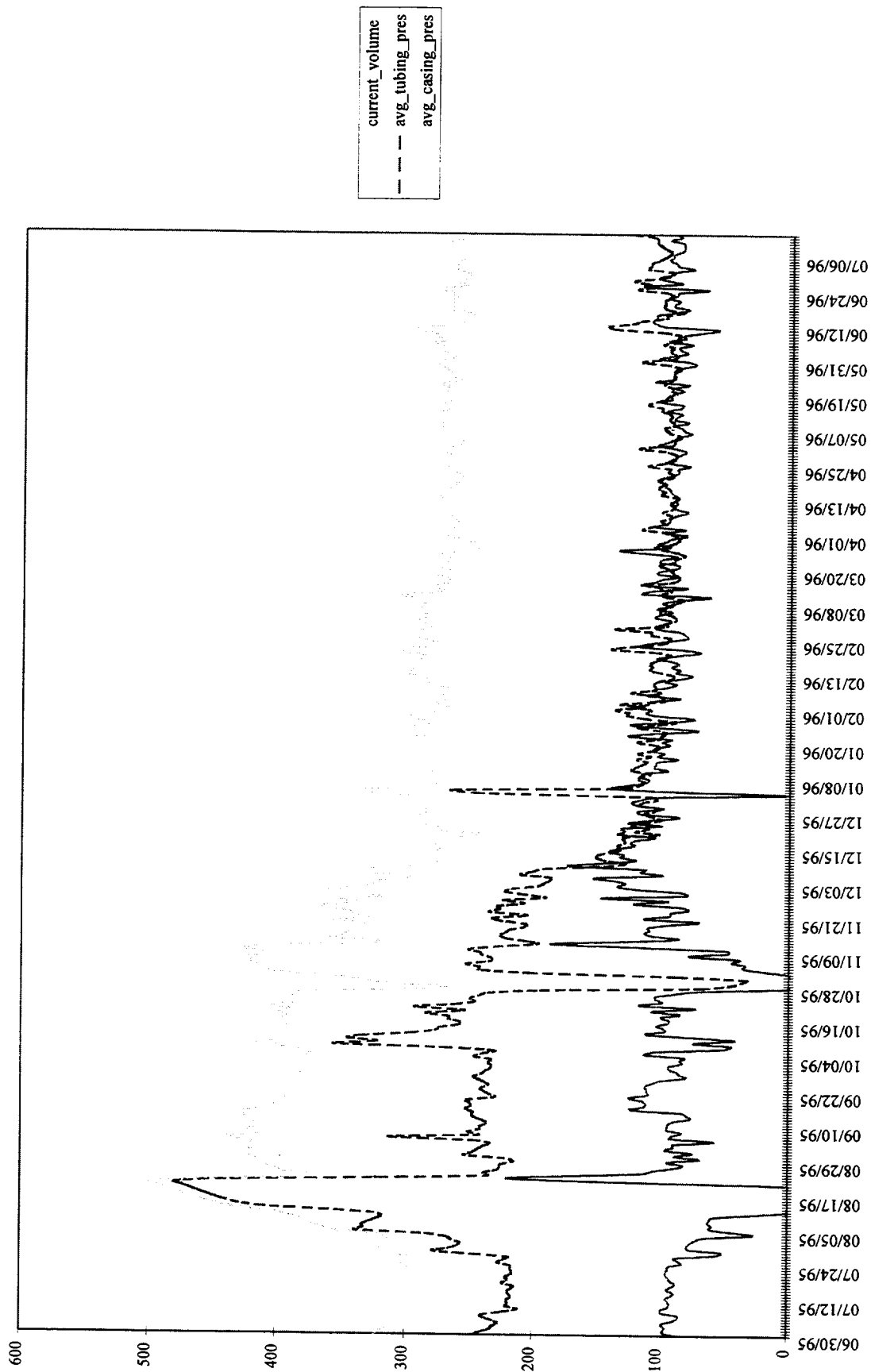
07/16/96

Retrieval Code: 251,045,30N09W31C00DK



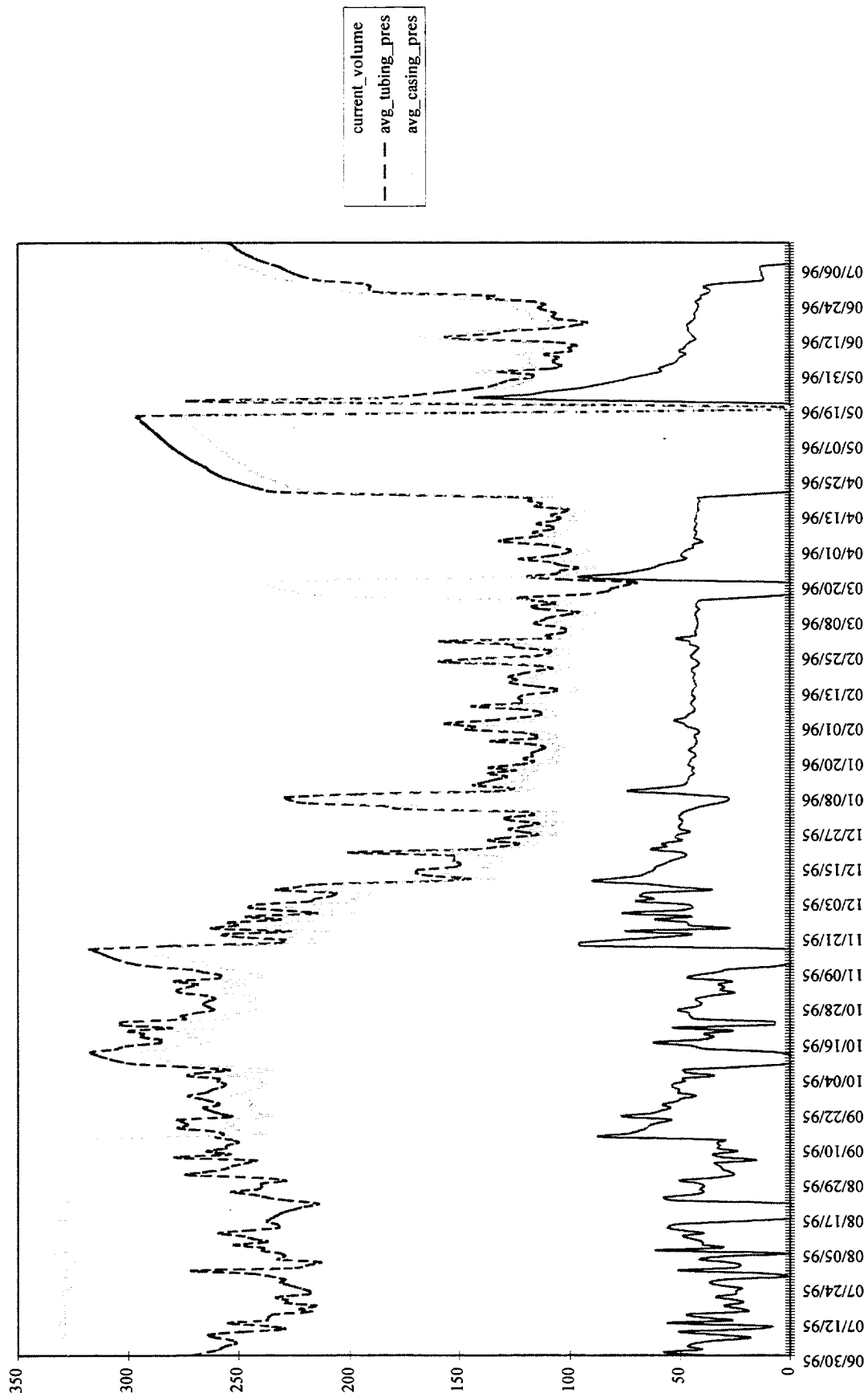
SHUTIN Chart 1

Heath GC P #1E



SHUTIN Chart 1

Heath GC C #1



RECOMMENDED ALLOCATION METHOD

Allocation for gas in this well is recommended to be by the subtraction method. The Dakota has been producing for many years and a future monthly production estimate can be made from that extrapolation. Attached is a future production forecast for the Dakota. The production for the Mesaverde would be set at total production minus the Dakota estimated production for each month.

We would recommend that liquid production be ratioed each month with the same percentages developed from the subtraction method for the gas.

BOTTOMHOLE PRESSURE ESTIMATES

BHP DAKOTA USES SHUT-IN PRESSURE DATA FROM THE WELL FROM 11/95

$$420 \text{ PSI} + (0.02 \text{ PSI/FT}) (6940 \text{ FT}) = 558.8 \text{ PSI}$$

BHP MESAVERDE USES SHUT-IN PRESSURE DATA FROM THE HEATH GAS COM C #1
OFFSET WELL SHUT- IN DATA FROM 7/96

$$270 \text{ PSI} + (0.02 \text{ PSI/FT}) (4530 \text{ FT}) = 360.6 \text{ PSI}$$

Heath Gas Com P 1E: DK anticipated production

month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)
Jan-97	100	Jan-01	78	Jan-05	62	Jan-09	49	Jan-13	38
Feb-97	99	Feb-01	78	Feb-05	62	Feb-09	49	Feb-13	38
Mar-97	99	Mar-01	78	Mar-05	61	Mar-09	48	Mar-13	38
Apr-97	98	Apr-01	77	Apr-05	61	Apr-09	48	Apr-13	38
May-97	98	May-01	77	May-05	61	May-09	48	May-13	38
Jun-97	97	Jun-01	77	Jun-05	60	Jun-09	48	Jun-13	37
Jul-97	97	Jul-01	76	Jul-05	60	Jul-09	47	Jul-13	37
Aug-97	96	Aug-01	76	Aug-05	60	Aug-09	47	Aug-13	37
Sep-97	96	Sep-01	75	Sep-05	59	Sep-09	47	Sep-13	37
Oct-97	95	Oct-01	75	Oct-05	59	Oct-09	47	Oct-13	37
Nov-97	95	Nov-01	75	Nov-05	59	Nov-09	46	Nov-13	37
Dec-97	94	Dec-01	74	Dec-05	59	Dec-09	46	Dec-13	36
Jan-98	94	Jan-02	74	Jan-06	58	Jan-10	46	Jan-14	36
Feb-98	93	Feb-02	74	Feb-06	58	Feb-10	46	Feb-14	36
Mar-98	93	Mar-02	73	Mar-06	58	Mar-10	45	Mar-14	36
Apr-98	92	Apr-02	73	Apr-06	57	Apr-10	45	Apr-14	36
May-98	92	May-02	72	May-06	57	May-10	45	May-14	36
Jun-98	91	Jun-02	72	Jun-06	57	Jun-10	45	Jun-14	35
Jul-98	91	Jul-02	72	Jul-06	57	Jul-10	45	Jul-14	35
Aug-98	91	Aug-02	71	Aug-06	56	Aug-10	44	Aug-14	35
Sep-98	90	Sep-02	71	Sep-06	56	Sep-10	44	Sep-14	35
Oct-98	90	Oct-02	71	Oct-06	56	Oct-10	44	Oct-14	35
Nov-98	89	Nov-02	70	Nov-06	55	Nov-10	44	Nov-14	34
Dec-98	89	Dec-02	70	Dec-06	55	Dec-10	44	Dec-14	34
Jan-99	88	Jan-03	70	Jan-07	55	Jan-11	43	Jan-15	34
Feb-99	88	Feb-03	69	Feb-07	55	Feb-11	43	Feb-15	34
Mar-99	87	Mar-03	69	Mar-07	54	Mar-11	43	Mar-15	34
Apr-99	87	Apr-03	69	Apr-07	54	Apr-11	43	Apr-15	34
May-99	87	May-03	68	May-07	54	May-11	42	May-15	33
Jun-99	86	Jun-03	68	Jun-07	54	Jun-11	42	Jun-15	33
Jul-99	86	Jul-03	68	Jul-07	53	Jul-11	42	Jul-15	33
Aug-99	85	Aug-03	67	Aug-07	53	Aug-11	42	Aug-15	33
Sep-99	85	Sep-03	67	Sep-07	53	Sep-11	42	Sep-15	33
Oct-99	84	Oct-03	67	Oct-07	53	Oct-11	41	Oct-15	33
Nov-99	84	Nov-03	66	Nov-07	52	Nov-11	41	Nov-15	32
Dec-99	84	Dec-03	66	Dec-07	52	Dec-11	41	Dec-15	32
Jan-00	83	Jan-04	66	Jan-08	52	Jan-12	41	Jan-16	32
Feb-00	83	Feb-04	65	Feb-08	51	Feb-12	41	Feb-16	32
Mar-00	82	Mar-04	65	Mar-08	51	Mar-12	40	Mar-16	32
Apr-00	82	Apr-04	65	Apr-08	51	Apr-12	40	Apr-16	32
May-00	82	May-04	64	May-08	51	May-12	40	May-16	32
Jun-00	81	Jun-04	64	Jun-08	50	Jun-12	40	Jun-16	31
Jul-00	81	Jul-04	64	Jul-08	50	Jul-12	40	Jul-16	31
Aug-00	80	Aug-04	63	Aug-08	50	Aug-12	39	Aug-16	31
Sep-00	80	Sep-04	63	Sep-08	50	Sep-12	39	Sep-16	31
Oct-00	80	Oct-04	63	Oct-08	49	Oct-12	39	Oct-16	31
Nov-00	79	Nov-04	62	Nov-08	49	Nov-12	39	Nov-16	31
Dec-00	79	Dec-04	62	Dec-08	49	Dec-12	39	Dec-16	30

Heath Gas Com P 1E: DK anticipated production

month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)
Jan-17	30	Jan-21	24	Jan-25	19	Jan-29	15	Jan-33	12
Feb-17	30	Feb-21	24	Feb-25	19	Feb-29	15	Feb-33	12
Mar-17	30	Mar-21	24	Mar-25	19	Mar-29	15	Mar-33	12
Apr-17	30	Apr-21	24	Apr-25	19	Apr-29	15	Apr-33	12
May-17	30	May-21	23	May-25	18	May-29	15	May-33	11
Jun-17	30	Jun-21	23	Jun-25	18	Jun-29	14	Jun-33	11
Jul-17	29	Jul-21	23	Jul-25	18	Jul-29	14	Jul-33	11
Aug-17	29	Aug-21	23	Aug-25	18	Aug-29	14	Aug-33	11
Sep-17	29	Sep-21	23	Sep-25	18	Sep-29	14	Sep-33	11
Oct-17	29	Oct-21	23	Oct-25	18	Oct-29	14	Oct-33	11
Nov-17	29	Nov-21	23	Nov-25	18	Nov-29	14	Nov-33	11
Dec-17	29	Dec-21	23	Dec-25	18	Dec-29	14	Dec-33	11
Jan-18	29	Jan-22	23	Jan-26	18	Jan-30	14	Jan-34	11
Feb-18	28	Feb-22	22	Feb-26	18	Feb-30	14	Feb-34	11
Mar-18	28	Mar-22	22	Mar-26	18	Mar-30	14	Mar-34	11
Apr-18	28	Apr-22	22	Apr-26	17	Apr-30	14	Apr-34	11
May-18	28	May-22	22	May-26	17	May-30	14	May-34	11
Jun-18	28	Jun-22	22	Jun-26	17	Jun-30	14	Jun-34	11
Jul-18	28	Jul-22	22	Jul-26	17	Jul-30	14	Jul-34	11
Aug-18	28	Aug-22	22	Aug-26	17	Aug-30	14	Aug-34	11
Sep-18	27	Sep-22	22	Sep-26	17	Sep-30	13	Sep-34	11
Oct-18	27	Oct-22	22	Oct-26	17	Oct-30	13	Oct-34	11
Nov-18	27	Nov-22	21	Nov-26	17	Nov-30	13	Nov-34	10
Dec-18	27	Dec-22	21	Dec-26	17	Dec-30	13	Dec-34	10
Jan-19	27	Jan-23	21	Jan-27	17	Jan-31	13	Jan-35	10
Feb-19	27	Feb-23	21	Feb-27	17	Feb-31	13	Feb-35	10
Mar-19	27	Mar-23	21	Mar-27	17	Mar-31	13	Mar-35	10
Apr-19	27	Apr-23	21	Apr-27	16	Apr-31	13	Apr-35	10
May-19	26	May-23	21	May-27	16	May-31	13	May-35	10
Jun-19	26	Jun-23	21	Jun-27	16	Jun-31	13	Jun-35	10
Jul-19	26	Jul-23	21	Jul-27	16	Jul-31	13	Jul-35	10
Aug-19	26	Aug-23	20	Aug-27	16	Aug-31	13	Aug-35	10
Sep-19	26	Sep-23	20	Sep-27	16	Sep-31	13	Sep-35	10
Oct-19	26	Oct-23	20	Oct-27	16	Oct-31	13	Oct-35	10
Nov-19	26	Nov-23	20	Nov-27	16	Nov-31	13	Nov-35	10
Dec-19	25	Dec-23	20	Dec-27	16	Dec-31	12	Dec-35	10
Jan-20	25	Jan-24	20	Jan-28	16	Jan-32	12	Jan-36	10
Feb-20	25	Feb-24	20	Feb-28	16	Feb-32	12	Feb-36	10
Mar-20	25	Mar-24	20	Mar-28	16	Mar-32	12	Mar-36	10
Apr-20	25	Apr-24	20	Apr-28	16	Apr-32	12	Apr-36	10
May-20	25	May-24	20	May-28	15	May-32	12	May-36	10
Jun-20	25	Jun-24	20	Jun-28	15	Jun-32	12	Jun-36	10
Jul-20	25	Jul-24	19	Jul-28	15	Jul-32	12	Jul-36	10
Aug-20	24	Aug-24	19	Aug-28	15	Aug-32	12	Aug-36	9
Sep-20	24	Sep-24	19	Sep-28	15	Sep-32	12	Sep-36	9
Oct-20	24	Oct-24	19	Oct-28	15	Oct-32	12	Oct-36	9
Nov-20	24	Nov-24	19	Nov-28	15	Nov-32	12	Nov-36	9
Dec-20	24	Dec-24	19	Dec-28	15	Dec-32	12	Dec-36	9

Heath Gas Com P 1E: DK anticipated production

month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)
Jan-37	9	Jan-41	7	Jan-45	6	Jan-49	5	Jan-53	4
Feb-37	9	Feb-41	7	Feb-45	6	Feb-49	5	Feb-53	4
Mar-37	9	Mar-41	7	Mar-45	6	Mar-49	4	Mar-53	4
Apr-37	9	Apr-41	7	Apr-45	6	Apr-49	4	Apr-53	4
May-37	9	May-41	7	May-45	6	May-49	4	May-53	3
Jun-37	9	Jun-41	7	Jun-45	6	Jun-49	4	Jun-53	3
Jul-37	9	Jul-41	7	Jul-45	6	Jul-49	4	Jul-53	3
Aug-37	9	Aug-41	7	Aug-45	6	Aug-49	4	Aug-53	3
Sep-37	9	Sep-41	7	Sep-45	6	Sep-49	4	Sep-53	3
Oct-37	9	Oct-41	7	Oct-45	5	Oct-49	4	Oct-53	3
Nov-37	9	Nov-41	7	Nov-45	5	Nov-49	4	Nov-53	3
Dec-37	9	Dec-41	7	Dec-45	5	Dec-49	4	Dec-53	3
Jan-38	9	Jan-42	7	Jan-46	5	Jan-50	4	Jan-54	3
Feb-38	9	Feb-42	7	Feb-46	5	Feb-50	4	Feb-54	3
Mar-38	9	Mar-42	7	Mar-46	5	Mar-50	4	Mar-54	3
Apr-38	9	Apr-42	7	Apr-46	5	Apr-50	4	Apr-54	3
May-38	9	May-42	7	May-46	5	May-50	4	May-54	3
Jun-38	8	Jun-42	7	Jun-46	5	Jun-50	4	Jun-54	3
Jul-38	8	Jul-42	7	Jul-46	5	Jul-50	4	Jul-54	3
Aug-38	8	Aug-42	7	Aug-46	5	Aug-50	4	Aug-54	3
Sep-38	8	Sep-42	7	Sep-46	5	Sep-50	4	Sep-54	3
Oct-38	8	Oct-42	7	Oct-46	5	Oct-50	4	Oct-54	3
Nov-38	8	Nov-42	7	Nov-46	5	Nov-50	4	Nov-54	3
Dec-38	8	Dec-42	6	Dec-46	5	Dec-50	4	Dec-54	3
Jan-39	8	Jan-43	6	Jan-47	5	Jan-51	4	Jan-55	3
Feb-39	8	Feb-43	6	Feb-47	5	Feb-51	4	Feb-55	3
Mar-39	8	Mar-43	6	Mar-47	5	Mar-51	4	Mar-55	3
Apr-39	8	Apr-43	6	Apr-47	5	Apr-51	4	Apr-55	3
May-39	8	May-43	6	May-47	5	May-51	4	May-55	3
Jun-39	8	Jun-43	6	Jun-47	5	Jun-51	4	Jun-55	3
Jul-39	8	Jul-43	6	Jul-47	5	Jul-51	4	Jul-55	3
Aug-39	8	Aug-43	6	Aug-47	5	Aug-51	4	Aug-55	3
Sep-39	8	Sep-43	6	Sep-47	5	Sep-51	4	Sep-55	3
Oct-39	8	Oct-43	6	Oct-47	5	Oct-51	4	Oct-55	3
Nov-39	8	Nov-43	6	Nov-47	5	Nov-51	4	Nov-55	3
Dec-39	8	Dec-43	6	Dec-47	5	Dec-51	4	Dec-55	3
Jan-40	8	Jan-44	6	Jan-48	5	Jan-52	4	Jan-56	3
Feb-40	8	Feb-44	6	Feb-48	5	Feb-52	4	Feb-56	3
Mar-40	8	Mar-44	6	Mar-48	5	Mar-52	4	Mar-56	3
Apr-40	8	Apr-44	6	Apr-48	5	Apr-52	4	Apr-56	3
May-40	8	May-44	6	May-48	5	May-52	4	May-56	3
Jun-40	8	Jun-44	6	Jun-48	5	Jun-52	4	Jun-56	3
Jul-40	7	Jul-44	6	Jul-48	5	Jul-52	4	Jul-56	3
Aug-40	7	Aug-44	6	Aug-48	5	Aug-52	4	Aug-56	3
Sep-40	7	Sep-44	6	Sep-48	5	Sep-52	4	Sep-56	3
Oct-40	7	Oct-44	6	Oct-48	5	Oct-52	4	Oct-56	3
Nov-40	7	Nov-44	6	Nov-48	5	Nov-52	4	Nov-56	3
Dec-40	7	Dec-44	6	Dec-48	5	Dec-52	4	Dec-56	3

Heath Gas Com P 1E: DK anticipated production

month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)	month/yr	q (mcf/d)
Jan-57	3	Jan-61	2	Jan-65	2	Jan-69	1	Jan-73	1
Feb-57	3	Feb-61	2	Feb-65	2	Feb-69	1	Feb-73	1
Mar-57	3	Mar-61	2	Mar-65	2	Mar-69	1	Mar-73	1
Apr-57	3	Apr-61	2	Apr-65	2	Apr-69	1	Apr-73	1
May-57	3	May-61	2	May-65	2	May-69	1	May-73	1
Jun-57	3	Jun-61	2	Jun-65	2	Jun-69	1	Jun-73	1
Jul-57	3	Jul-61	2	Jul-65	2	Jul-69	1	Jul-73	1
Aug-57	3	Aug-61	2	Aug-65	2	Aug-69	1	Aug-73	1
Sep-57	3	Sep-61	2	Sep-65	2	Sep-69	1	Sep-73	1
Oct-57	3	Oct-61	2	Oct-65	2	Oct-69	1	Oct-73	1
Nov-57	3	Nov-61	2	Nov-65	2	Nov-69	1	Nov-73	1
Dec-57	3	Dec-61	2	Dec-65	2	Dec-69	1	Dec-73	1
Jan-58	3	Jan-62	2	Jan-66	2	Jan-70	1	Jan-74	1
Feb-58	3	Feb-62	2	Feb-66	2	Feb-70	1	Feb-74	1
Mar-58	3	Mar-62	2	Mar-66	2	Mar-70	1	Mar-74	1
Apr-58	3	Apr-62	2	Apr-66	2	Apr-70	1	Apr-74	1
May-58	3	May-62	2	May-66	2	May-70	1	May-74	1
Jun-58	3	Jun-62	2	Jun-66	2	Jun-70	1	Jun-74	1
Jul-58	3	Jul-62	2	Jul-66	2	Jul-70	1	Jul-74	1
Aug-58	3	Aug-62	2	Aug-66	2	Aug-70	1	Aug-74	1
Sep-58	3	Sep-62	2	Sep-66	2	Sep-70	1	Sep-74	1
Oct-58	3	Oct-62	2	Oct-66	2	Oct-70	1	Oct-74	1
Nov-58	3	Nov-62	2	Nov-66	2	Nov-70	1	Nov-74	1
Dec-58	3	Dec-62	2	Dec-66	2	Dec-70	1	Dec-74	1
Jan-59	2	Jan-63	2	Jan-67	2	Jan-71	1	Jan-75	1
Feb-59	2	Feb-63	2	Feb-67	2	Feb-71	1	Feb-75	1
Mar-59	2	Mar-63	2	Mar-67	2	Mar-71	1	Mar-75	1
Apr-59	2	Apr-63	2	Apr-67	2	Apr-71	1	Apr-75	1
May-59	2	May-63	2	May-67	2	May-71	1	May-75	1
Jun-59	2	Jun-63	2	Jun-67	2	Jun-71	1	Jun-75	1
Jul-59	2	Jul-63	2	Jul-67	2	Jul-71	1	Jul-75	1
Aug-59	2	Aug-63	2	Aug-67	1	Aug-71	1	Aug-75	1
Sep-59	2	Sep-63	2	Sep-67	1	Sep-71	1	Sep-75	1
Oct-59	2	Oct-63	2	Oct-67	1	Oct-71	1	Oct-75	1
Nov-59	2	Nov-63	2	Nov-67	1	Nov-71	1	Nov-75	1
Dec-59	2	Dec-63	2	Dec-67	1	Dec-71	1	Dec-75	1
Jan-60	2	Jan-64	2	Jan-68	1	Jan-72	1	Jan-76	1
Feb-60	2	Feb-64	2	Feb-68	1	Feb-72	1	Feb-76	1
Mar-60	2	Mar-64	2	Mar-68	1	Mar-72	1	Mar-76	1
Apr-60	2	Apr-64	2	Apr-68	1	Apr-72	1	Apr-76	1
May-60	2	May-64	2	May-68	1	May-72	1	May-76	1
Jun-60	2	Jun-64	2	Jun-68	1	Jun-72	1	Jun-76	1
Jul-60	2	Jul-64	2	Jul-68	1	Jul-72	1	Jul-76	1
Aug-60	2	Aug-64	2	Aug-68	1	Aug-72	1	Aug-76	1
Sep-60	2	Sep-64	2	Sep-68	1	Sep-72	1	Sep-76	1
Oct-60	2	Oct-64	2	Oct-68	1	Oct-72	1	Oct-76	1
Nov-60	2	Nov-64	2	Nov-68	1	Nov-72	1	Nov-76	1
Dec-60	2	Dec-64	2	Dec-68	1	Dec-72	1	Dec-76	1

Heath Gas Com P 1E: DK anticipated production

month/yr	q (mcf)	month/yr	q (mcf)	month/yr	q (mcf)				
Jan-77	1	Jan-81	1	Jan-85	1				
Feb-77	1	Feb-81	1	Feb-85	1				
Mar-77	1	Mar-81	1	Mar-85	1				
Apr-77	1	Apr-81	1	Apr-85	1				
May-77	1	May-81	1	May-85	1				
Jun-77	1	Jun-81	1	Jun-85	1				
Jul-77	1	Jul-81	1	Jul-85	1				
Aug-77	1	Aug-81	1	Aug-85	1				
Sep-77	1	Sep-81	1	Sep-85	1				
Oct-77	1	Oct-81	1	Oct-85	1				
Nov-77	1	Nov-81	1	Nov-85	1				
Dec-77	1	Dec-81	1	Dec-85	1				
Jan-78	1	Jan-82	1	Jan-86	1				
Feb-78	1	Feb-82	1	Feb-86	0				
Mar-78	1	Mar-82	1						
Apr-78	1	Apr-82	1						
May-78	1	May-82	1						
Jun-78	1	Jun-82	1						
Jul-78	1	Jul-82	1						
Aug-78	1	Aug-82	1						
Sep-78	1	Sep-82	1						
Oct-78	1	Oct-82	1						
Nov-78	1	Nov-82	1						
Dec-78	1	Dec-82	1						
Jan-79	1	Jan-83	1						
Feb-79	1	Feb-83	1						
Mar-79	1	Mar-83	1						
Apr-79	1	Apr-83	1						
May-79	1	May-83	1						
Jun-79	1	Jun-83	1						
Jul-79	1	Jul-83	1						
Aug-79	1	Aug-83	1						
Sep-79	1	Sep-83	1						
Oct-79	1	Oct-83	1						
Nov-79	1	Nov-83	1						
Dec-79	1	Dec-83	1						
Jan-80	1	Jan-84	1						
Feb-80	1	Feb-84	1						
Mar-80	1	Mar-84	1						
Apr-80	1	Apr-84	1						
May-80	1	May-84	1						
Jun-80	1	Jun-84	1						
Jul-80	1	Jul-84	1						
Aug-80	1	Aug-84	1						
Sep-80	1	Sep-84	1						
Oct-80	1	Oct-84	1						
Nov-80	1	Nov-84	1						
Dec-80	1	Dec-84	1						

OFFSET OPERATORS
Heath Gas Com P #1E Well

Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499

Four Star Oil and Gas, Inc.
Attn. Rocky Holly
P.O. Box 2100
Denver, CO 80201

Koch Oil Company
P.O. Box 2256
Wichita, KS 67201

29040200 00001
118094 00
KENNETH F ALLIN
BOX 306
MESILLA

ZJAM63

NM 88046-0306

29040200 00001
617000 00
AMOCO PRODUCTION COMPANY
P O BOX 591
TULSA

ZJAM63

OK 74102-0591

29040200 00001
926118 00
W R ARCHER U/W/O
ELEANOR M ARCHER TRUSTEE
3615 PIPING ROCK LANE
HOUSTON

ZJAM63

TX 77027-4116

29040200 00001
925662 00
DOUGLAS E ATWILL
602 CANYON ROAD
SANTA FE

ZJAM63

NM 87501-2722

29040200 00001
925596 00
EDWARD R ATWILL
P O BOX 1551
TUBAC

ZJAM63

AZ 85646-1551

29040200 00001
923002 00
JAMES H ATWILL
P O BOX 1810
PORT ARANSAS

ZJAM63

TX 78373-1810

29040200 00001
124877 00
JANE B BAER TRUST
U/T DATED 04-04-86
WELLS FARGO BANK COLORADO TRUSTEE
P O BOX 5825
DENVER

ZJAM63

CO 80217-5825

29040200 00001
130645 00
MFLONEE GAYNELLE BAKER
1806 BERRY PLACE
CONWAY

ZJAM63

AR 72032-2502

29040200 00001
146802 00
PAMELA GRAY BALDWIN
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049313
P O BOX 209871
HOUSTON

ZJAM63

TX 77216-9871

29040200 00001
682516 00
R E BEAMON III
SUITE 470
THREE RIVERWAY
HOUSTON

ZJAM63

TX 77056-1942

29040200 00001
139278 00
DORTHY G BOYD
423 SOUTH RANGE LINE
TECUMSEH

ZJAM63

OK 74873-4425

29040200 00001
762567 00
HAZEL ASHLEY BRACKEN
101 WESTCOTT NO 403
HOUSTON

ZJAM63

TX 77007-7030

29040200 00001
129567 00
BETSY BRYANT
2201 BROOKHOLLOW
ABILENE

ZJAM63

TX 79605-5507

29040200 00001
924261 00
HARRIET BUCHENAU
P O BOX 867585
PLANO

ZJAM63

TX 75086-7585

29040200 00001
921248 00
ELIZABETH TURNER CALLOWAY
4801 ST JOHNS DR
DALLAS

ZJAM63

TX 75205-3143

29040200 00001
603416 25
CONOCO INC
P O BOX 951063
DALLAS

ZJAM63

TX 75395-1063

29040200 00001
175207 00
LOUISE GRAY CONDUCT
1820 BROUDY DRIVE
KINGMAN

ZJAM63

AZ 86401-5002

29040200 00001
129569 00
MITZI EASLEY
3900 DOMINION COVE
AUSTIN

ZJAM63

TX 78759-7300

15667300 00001
603416 25
CONOCO INC
P O BOX 951063
DALLAS

ZJAM63

TX 75395-1063

29040200 00001
150770 00
FLORANCE LIMITED COMPANY
C/O NORTHERN TRUST BANK OF TX
ACCOUNT #23113000
P O BOX 226270
DALLAS

ZJAM63

TX 75222-6270

29040200 00001
116086 00
CREPS FAMILY TRUST
DATED 12-5-91
JOHN E CREPS JR AND VIRGINIA CREPS
CO-TRUSTEES
4556 AVALON COVE
LAKE LAND

ZJAM63

FL 33801-0572

29040200 00001
271629 00
OLIVE C GERLACH
1189 WEST CAMINO SAGASTA
GREEN VALLEY

ZJAM63

AZ 85614-4512

29040200 00001
127556 00
DAVANT FAMILY TRUST C
U/A DATED 11-19-1986
NATIONSBANK OF TEXAS NA TRUSTEE
ACCOUNT NUMBER 30011053442647
P O BOX 840738
DALLAS

ZJAM63

TX 75284-0738

29040200 00001
676688 00
GORDON L GOTTSTEIN
9433 NORTH EAST 14TH
BELLEVUE

ZJAM63

WA 98004-3438

29040200 00001
378966 00
JEREMY S DAVIS
7539 BROMPTON BLVD
HOUSTON

ZJAM63

TX 77025-2267

29040200 00001
128169 00
JAY GOTTSTEIN TRUST
DATED 11-11-92
JAY GOTTSTEIN TRUSTEE
12230 SAGAMORE ROAD
LEAWOOD

ZJAM63

KS 66209-1269

29040200 00001
918304 00
WATERS S DAVIS III
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049308
P O BOX 209871
HOUSTON

ZJAM63

TX 77216-9871

29040200 00001
146798 00
DAVID H GRAY
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049309
P O BOX 209871
HOUSTON

ZJAM63

TX 77216-9871

29040200 00001
685965 00
RUTH DEMEREE
15 TERRACE HILL ROAD
BAINBRIDGE

ZJAM63

NY 13733-1043

29040200 00001
146799 00
JOHN L GRAY
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049310
P O BOX 209871
HOUSTON

ZJAM63

TX 77216-9871

29040200 00001
297950 00
BARBARA REESE DINGES
6510 SHADOW CREST
HOUSTON

ZJAM63

TX 77074-6818

29040200 00001
767965 00
MILTON REESE GRAY AND
BETTYE DEAN GRAY
5011 NW 20TH ST
OKLAHOMA CITY

ZJAM63

OK 73127-2309

29040200 00001 120851 00 GROVER BROS LTD PARTNERSHIP SAN JUAN ROYALTY JV-90 P O BOX 3666 MIDLAND	ZJAM63 TX 79702-3666	29040200 00001 242970 00 JAMES R LEETON JR SAN JUAN ROYALTY JV-90 ACCOUNT P O BOX 10561 MIDLAND	ZJAM63 TX 79702-7561
29040200 00001 634423 00 ARDEN R GROVER SAN JUAN ROYALTY JV-90 P O BOX 3666 MIDLAND	ZJAM63 TX 79702-3666	29040200 00001 923288 00 ELEANOR T LOVE 3404 ST JOHNS DRIVE DALLAS	ZJAM63 TX 75205-2906
29040200 00001 149220 00 DAVID HENDERSON 9411 WINDING RIDGE DRIVE DALLAS	ZJAM63 TX 75238-1449	29040200 00001 680325 00 PATTIE BEAMON LUNDELL 1616 SOUTH VOSS #870 HOUSTON	ZJAM63 TX 77057-2626
29040200 00001 105640 00 MARY ANNE AND ROBERT L HOWARD JOINT TENANTS 438 FOX BRIAR SUGARLAND	ZJAM63 TX 77478-3717	15667300 00001 686120 00 BENJAMIN JOSEPH MANSFIELD 2615 EVERETT DRIVE RENO	ZJAM63 NV 89503-3912
29040200 00001 252130 01 W L JENNINGS BILLY G EDWARDS ATTY IN FACT SAN JUAN ROYALTY JV-90 P O BOX 117 ABILENE	ZJAM63 TX 79604-0117	29040200 00001 146800 00 CYNTHIA GRAY MILANI TEXAS COMMERCE BK AGENT AND ATY-N-FACT TRUST MINERALS SECTION 1049313 P O BOX 209871 HOUSTON	ZJAM63 TX 77216-9871
29040200 00001 922618 00 MARGARET A KEARNS TRUST U/A F/B/O HELENE D GORMAN HELENE D GORMAN TRUSTEE 1440 OSPREY AVENUE NAPLES	ZJAM63 FL 33962-3410	29040200 00001 756458 00 HAZEL M MILLS ACCOUNT NO 42 490 0 06 FIRST NATIONAL BANK OF ALAMOGORDO ALAMOGORDO	ZJAM63 NM 88310
15667300 00001 639077 03 W D KENNEDY SAN JUAN ROYALTY JV-90 550 WEST TEXAS #1225 MIDLAND	ZJAM63 TX 79701-4266	29040200 00001 926364 00 SARAH S MIMS TRUST WILLIAM L MADSEN AND SARAH S MIMS COTRUSTEES P O BOX 111846 CARROLLTON	ZJAM63 TX 75011-1846
29040200 00001 571491 00 BARBARA E KOONS TRUST FIRST NATL BK IN ALBUQUERQUE TRUSTEE U/A DATED 7-16-76 P O BOX 1305 ALBUQUERQUE	ZJAM63 NM 87103-1305	29040200 00001 710000 01 MINERALS MANAGEMENT SERVICE ROYALTY MANAGEMENT PROGRAM PO BOX 5810 TA DENVER	ZJAM63 CO 80217-5810

15667300 00001 105639 00 LLOYD J AND RUTH R MONEY 1990 TRUST DATED 10-9-90 LLOYD J AND RUTH R MONEY TRUSTEES 904 21ST STREET HERMOSA BEACH	ZJAM63 CA 90254-3105	15667300 00001 129568 00 SUSAN RITTER P O BOX 162606 AUSTIN	ZJAM63 TX 78716-2606
29040200 00001 776245 00 NORDAN TRUST LOUIS BELINSKY TRUSTEE 112 EAST PECAN SUITE 500 SAN ANTONIO	ZJAM63 TX 78205-1516	29040200 00001 922869 00 JOANNE THOMPSON RUGELEY 3813 TOLMAS METAIRIE	ZJAM63 LA 70002-1846
29040200 00001 173984 00 PEARL NEUGENT NORDAN ESTATE MARIAN NORDAN HARWELL FOREIGN PERSONAL REPRESENTATIVE 112 EAST PECAN SUITE 500 SAN ANTONIO	ZJAM63 TX 78205-1516	29040200 00001 270025 00 LORENE RAYBOURN SMITH TESTAMENTARY TRUST CLAUD W AND JESSE S RAYBOURN CO-TRUSTEES 207 WILSHIRE LANE NEWARK	ZJAM63 DE 19711-2757
29040200 00001 926372 00 HARRY D PORTER REVOCABLE TRUST NATIONSBANK OF TEXAS NA TRUSTEE NO 15-020-6401500 C/O TRUST OIL AND GAS P O BOX 840738 DALLAS	ZJAM63 TX 75284-0738	15667300 00001 333755 00 SAN JUAN PARTNERSHIP C/O TRUE OIL CO PO DRAWER 2360 CASPER	ZJAM63 WY 82602-2360
29040200 00001 297951 00 DAVID ELBERT REESE 2203 N BELMONT RICHMOND	ZJAM63 TX 77469-5501	29040200 00001 719688 00 BETTY WEST STEDMAN ATTN LOCK BOX P O BOX 1349 HOUSTON	ZJAM63 TX 77251-1349
29040200 00001 297953 00 ELIZABETH GOODWIN REESE 7800 NAIRN HOUSTON	ZJAM63 TX 77074-5321	29040200 00001 117331 00 E HUNTER STONE II TRUST P O BOX 61419 DENVER	ZJAM63 CO 80206-8419
29040200 00001 146801 00 CATHARINE GRAY REMENICK TEXAS COMMERCE BK AGENT AND ATY-N-FACT TRUST MINERALS SECTION 1049313 P O BOX 209871 HOUSTON	ZJAM63 TX 77216-9871	29040200 00001 923318 00 G E THOMPSON P O BOX 111 ROUND TOP	ZJAM63 TX 78954-0111

29040200 00001 926580 00 LLEWELLYN E THOMPSON U W O JANE MONROE THOMPSON INDIVIDUALLY AND TRUSTEE 333 SUNSET DRIVE APT 407 FORT LAUDERDALE	ZJAM63 FL 33301-2650	29040200 00001 297952 00 REBECCA ANN REESE WARD 2210 CUSTER PARKWAY RICHARDSON	ZJAM63 TX 75080-2502
29040200 00001 180971 00 MWOOD ROBERT THOMPSON 316 DAHLIA STREET DENVER	ZJAM63 CO 80220-5714	29040200 00001 571492 00 MIRIAM N WASHBURN TRUST FIRST NATL BK IN ALBUQUERQUE TRUSTEE U/A DATED 7-16-76 P O BOX 1305 ALBUQUERQUE	ZJAM63 NM 87103-1305
29040200 00001 144321 00 DORTHY M TUCKER ESTATE BRAD TUCKER EXECUTOR P O BOX 2822 HOUSTON	ZJAM63 TX 77252-2822	29040200 00001 925573 00 NEAL S WATERFALL 14438 NE 16TH PLACE BELLEVUE	ZJAM63 WA 98007-3904
29040200 00001 432704 00 FRED E TURNER 4925 GREENVILLE AVENUE ONE ENERGY SQUARE SUITE 852 DALLAS	ZJAM63 TX 75206-4079	29040200 00001 914070 00 GLADYS WATFORD TRUST GLADYS WATFORD, TRUSTEE 5455 LA SIERRA DRIVE APT 216 DALLAS	ZJAM63 TX 75231-4145
29040200 00001 432702 00 J GLENN TURNER JR 3131 TURTLE CREEK BLVD SUITE 1201 DALLAS	ZJAM63 TX 75219-5441	29040200 00001 923298 00 JAMES WENDELL WEST P O BOX 5591 SHERMAN OAKS	ZJAM63 CA 91413-5591
29040200 00001 432703 00 JOHN L TURNER P O BOX 33610 KERRVILLE	ZJAM63 TX 78029-3610	29040200 00001 175159 00 WESLEY WEST MINERALS LTD FROST NATIONAL BANK LOCK BOX DEPARTMENT P O BOX 1141 HOUSTON	ZJAM63 TX 77251-1141
29040200 00001 615188 03 UNION OIL COMPANY OF CALIFORNIA ATTN REVENUE ACCOUNTING P O BOX 841055 DALLAS	ZJAM63 TX 75284-1055	29040200 00001 183129 00 L DORIS WILLIAMS TRUST WILLIAM P TRAYLOR AND JOHN G HEARD CO-INDEPENDENT TRUSTEES P O BOX 8306 HOUSTON	ZJAM63 TX 77288-8306
29040200 00001 176779 00 MARGARET HARDY VAN SANT ESTATE ROBERT M HARDY, JR AND JOHN BROWN HALL, JR PERSONAL REPS 333 CLAY STREET SUITE 3800 HOUSTON	ZJAM63 TX 77002-4102	29040200 00001 119776 00 EDWARD AND JACQUELINE WINTERER REVOCABLE TRUST NO 1 DATED 12-4-91 EDWARD AND JACQUELINE WINTERER TRS 289 OCEAN VIEW DEL MAR	ZJAM63 CA 92014-3321

29040200 00001

ZJAM63

141556 00

WINTERWIDER FAMILY REVOCABLE TRUST
JOAN WINTERER AND ROY FULWIDER
TRUSTEES

600 N SIXTH STREET
SANTA PAULA

CA 93060-1605

15667300 00001

ZJAM63

926551 00

MARGARET A KEARNS TRUST
JAMES B DRAPER TRUSTEE

F/B/O JAMES B DRAPER

77 SOUTH BIRCH ROAD APT #8D

FORT LAUDERDALE

FL 33316-1556

ROBERT BEAMON ACCOUNT
FIRST NATIONAL BANK OF
BELLVILLE
P O BOX 128
BELLVILLE TX 77418

VIRGINIA THOMPSON CREPS
REVOCABLE LIVING TRUST
VIRGINIA THOMPSON CREPS TRST
4556 AVALON COVE
LAKELAND FL 33801-0572

F LOUIS TUCKER JR
6438 VANDERBILT
HOUSTON TX 77005

MARTHA M TUCKER
21 BRIAR HOLLOW #803
HOUSTON TX 77027

ROBERT BEAMON ACCOUNT
FIRST NATIONAL BANK OF
BELLVILLE
PO BOX 128
BELLVILLE TX 77418

JANE M THOMPSON TRUST
THE FOUR SEASONS
APT #407
333 SUNSET DR
FORT LAUDERDALE FL 33301-2647

BRADFORD TUCKER
301 SAGE RD #3
HOUSTON TX 77056