

DISTRICT I

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

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS :

☒ Administrative ☐ Hearing**APPLICATION FOR DOWNHOLE COMMINGLING**

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES OIL & GAS COMPANY

PO Box 4289, Farmington, NM 87499

Operator

Address

Atlantic

5A

O, Sec. 22, T31N, R10W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 6795 API NO. 30-045-22428 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	Blanco Pictured Cliffs - 7239		Blanco Mesa Verde - 72319
2. Top and Bottom of Pay Section (Perforations)	3070' - 3146'	RECEIVED JUN 2 5 1997 OIL CON. DIV. DIST. 3	4581' - 5712'
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	(Current) a. 323 psia (Original) b. 781 psia	a. b.	a. 311 psia b. 705 psia
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content	1108		1240
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		No
* If Shut-In and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:

Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data

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

Operator FL PASO NATURAL GAS COMPANY		Lease ATLANTIC (NM-013688)		Well No. 5A
Unit Letter C	Section 22	Township 31-N	Range 10-W	County SAN JUAN
Actual Footage Location of Well: 950 feet from the SOUTH line and 1800 feet from the EAST line				
Ground Level Elev. 6314	Producing Formation MESA VERDE / P.C.	Pool BLANCO MESA VERDE	Dedicated Acreage: 309.96 / 160 Acres	

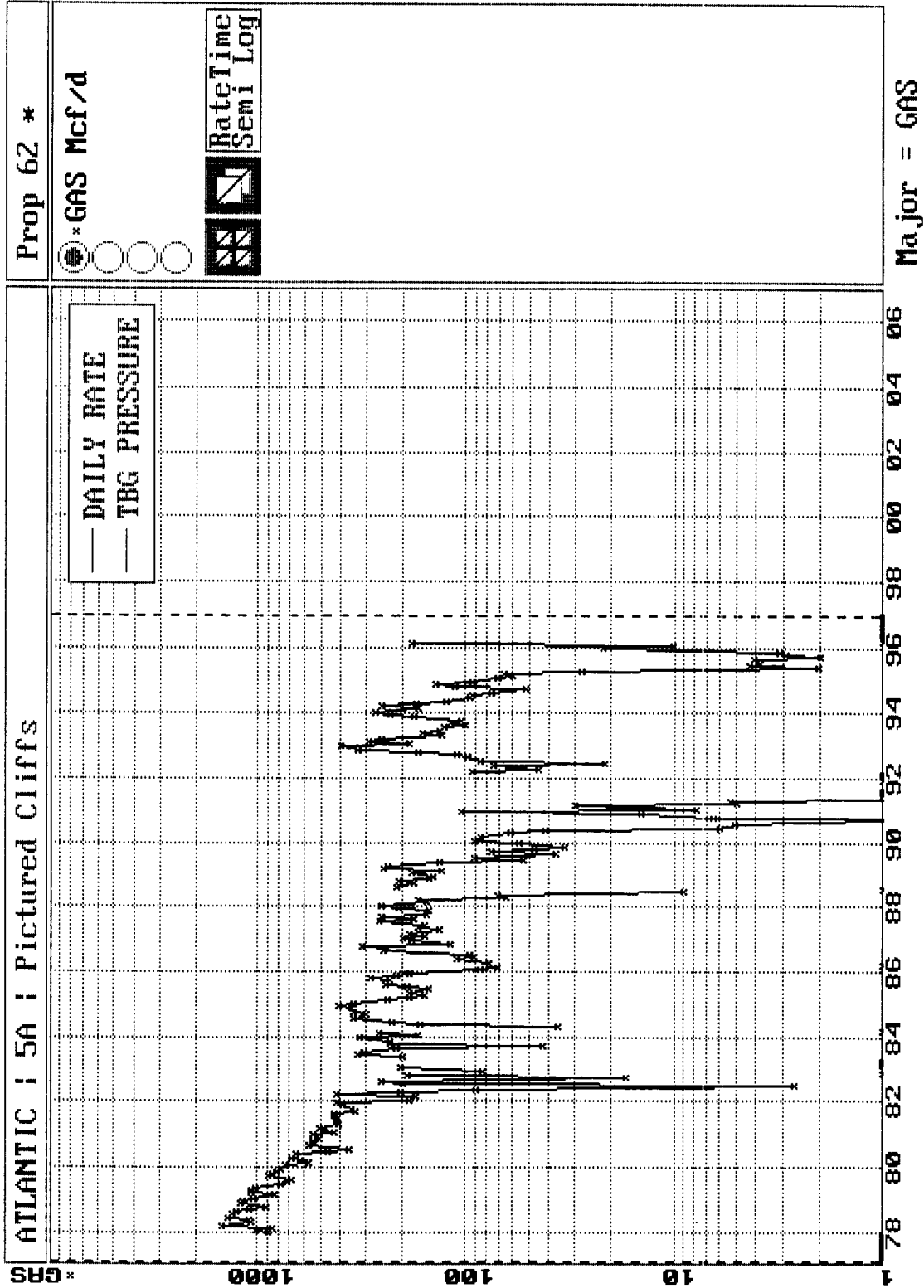
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

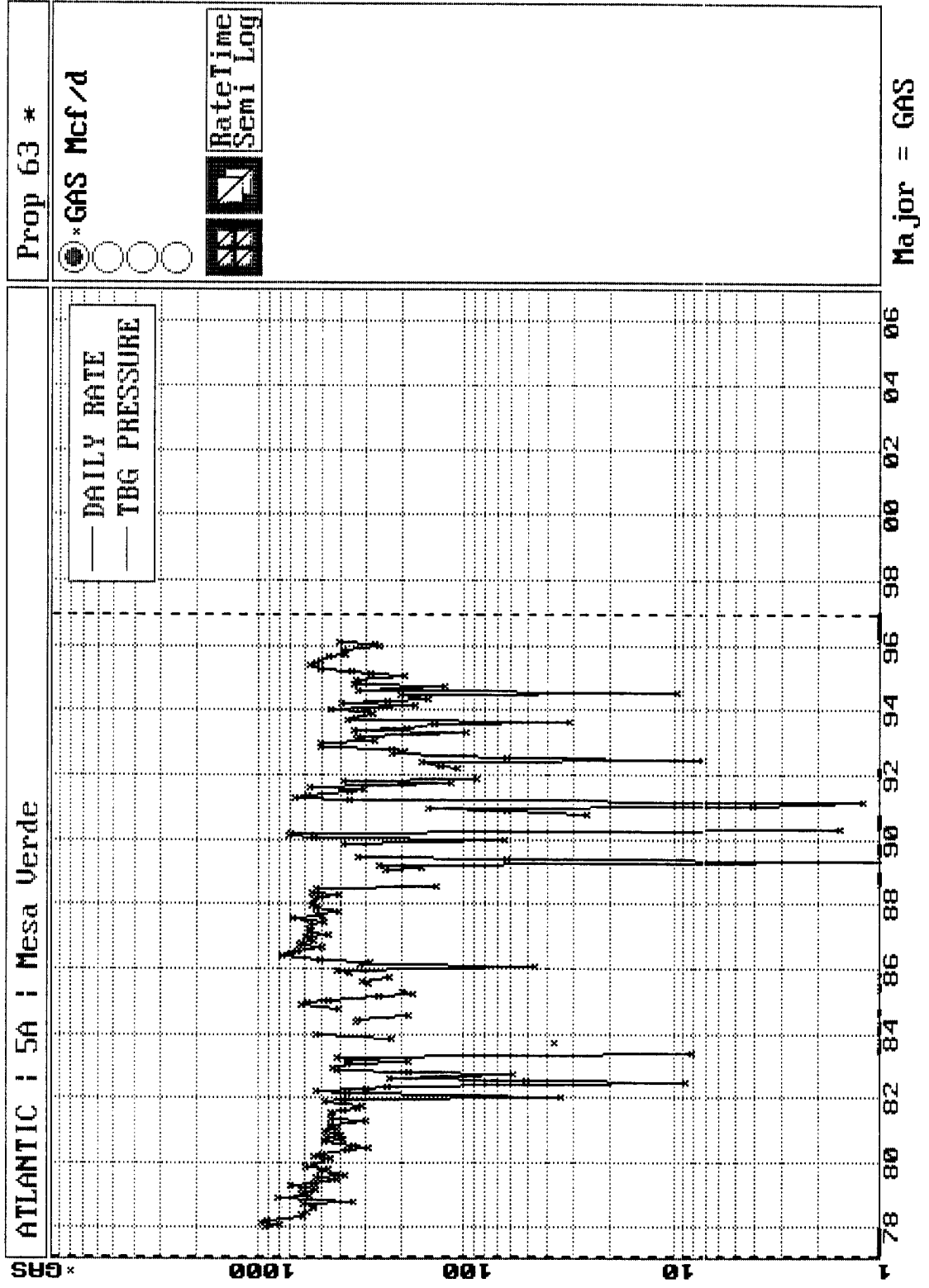
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

	CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Original Signed by D. G. Brown
	Name _____ Position Drilling Clerk Company El Paso Natural Gas Date March 25, 1977
	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 MARCH 10, 1977 Registered Professional Engineer and/or Land Surveyor David O'Brien Certificate No. 1760



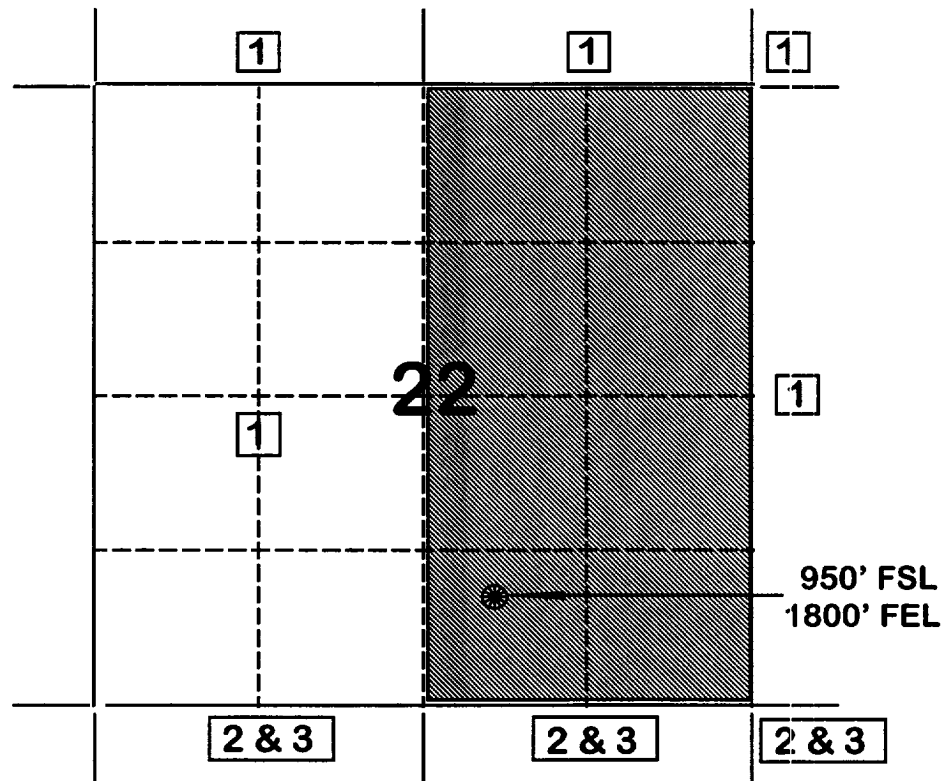


BURLINGTON RESOURCES OIL AND GAS COMPANY

**Atlantic #5A
OFFSET OPERATOR \ OWNER PLAT**

Pictured Cliffs (SE/4)/Mesaverde (E/2) Formations Commingle Well

Township 31 North, Range 10 West



- 1) Burlington Resources Oil and Gas Company
- 2) Amoco Production Company
Attn: Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 3) S G Interest
811 Dallas, Suite 1605
Houston, TX 77002

Page No.: 1
Print Time: Wed Apr 16 11:19:00 1997
Property ID: 62
Property Name: ATLANTIC | 5A | Pictured Cliffs
Table Name: C:\ARIES\WORK\TEST.DBF

<u>--DATE--</u>	<u>---CUM GAS--</u>	<u>M SIWHP</u>
	<u>Mcf</u>	<u>Psi</u>
10/20/77	0	721.0 ✓
01/04/78	27199	702.0
05/09/78	196801	659.0
06/21/79	631178	537.0
07/17/80	901172	425.0
11/04/82	1189324	381.0
06/20/84	1281549	381.0
05/19/93	1730503	300.0

Page No.: 1
Print Time: Wed Apr 16 11:30:14 1997
Property ID: 63
Property Name: ATLANTIC | 5A | Mesa Verde
Table Name: C:\ARIES\WORK\TEST.DBF

<u>--DATE--</u>	<u>---CUM_GAS--</u> Mcf	<u>M SIWHP</u> Psi
10/20/77	0	611.0
- 01/04/78	28546	481.0
05/09/78	147961	387.0
06/21/79	374273	369.0
07/17/80	556732	387.0
05/20/82	817184	367.0
06/20/84	945118	406.0
08/27/86	1197940	284.0
11/28/89	1609063	393.0
06/10/91	1738191	359.0
07/30/91	1747629	347.0
05/19/93	1899623	230.0
08/17/93	1901308	272.0

Atlantic No. 5A
Bottom Hole Pressures
Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Mesaverde		Pictured Cliffs	
<u>MV-Current</u>		<u>PC-Current</u>	
GAS GRAVITY	0.738	GAS GRAVITY	0.658
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.26	%N2	0.2
%CO2	1.33	%CO2	1.77
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.38
DEPTH (FT)	5147	DEPTH (FT)	3108
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	148	BOTTOMHOLE TEMPERATURE (DEG F)	110
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	272	SURFACE PRESSURE (PSIA)	300
BOTTOMHOLE PRESSURE (PSIA)	310.9	BOTTOMHOLE PRESSURE (PSIA)	323.1
<u>MV-Original</u>		<u>PC-Original</u>	
GAS GRAVITY	0.738	GAS GRAVITY	0.658
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.26	%N2	0.2
%CO2	1.33	%CO2	1.77
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.38
DEPTH (FT)	5147	DEPTH (FT)	3108
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	148	BOTTOMHOLE TEMPERATURE (DEG F)	110
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	611	SURFACE PRESSURE (PSIA)	721
BOTTOMHOLE PRESSURE (PSIA)	705.0	BOTTOMHOLE PRESSURE (PSIA)	780.7

FARMINGTON ANNUAL PRODUCTION FOR 53524B PHS020M1
 ATLANTIC 5A
 BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE
 ===== OIL CUM ===== GAS CUM ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1987	1306	12448	195639	1466708		
1988	630	13078	98094	1564802		
1989	107	13185	46222	1611024		
1990	244	13429	66977	1678001		
1991	309	13738	104908	1782909		
1992	233	13971	64871	1847780		
1993	389	14360	92756	1940536		
1994	436	14796	93910	2034446		
1995	869	15665	146587	2181033		
1996	521	16186	120130	2301163		

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #33

FARMINGTON ANNUAL PRODUCTION FOR 53524B PHS020M1
 ATLANTIC 5A
 BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE
 ===== OIL CUM ===== GAS CUM ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1997	63	16249	20341	2321504		

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #33

FARMINGTON

1997 MONTHLY PRODUCTION FOR 53524B

PHS030M1

ATLANTIC 5A

BLANCO MESAVERDE (PRORATED GAS FIELD

MESAVERDE ZONE

			DAYS =====		OIL =====		=====		GAS =====					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F	31	02	35		01	10116	31	1166	15.025			
2	2	F	28	02	28		01	10225	28	1168	15.025			
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

PF6 - RETURNS TO ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 04/03/97

B MY JOB

NUM LU #33

FARMINGTON ANNUAL PRODUCTION FOR 53524A PHS020M1
 ATLANTIC 5A
 BLANCO PICTURED CLIFFS (GAS) FIELD PICTURED CLIFFS ZONE
 ===== OIL CUM ===== GAS CUM ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1987			67595	1541765		
1988			49532	1591297		
1989			40555	1631852		
1990			15412	1647264		
1991			1473	1648737		
1992			43496	1692233		
1993			61746	1753979		
1994			50719	1804698		
1995			8186	1812884		
1996			8942	1821826		

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #33

FARMINGTON ANNUAL PRODUCTION FOR 53524A PHS020M1
 ATLANTIC 5A
 BLANCO PICTURED CLIFFS (GAS) FIELD PICTURED CLIFFS ZONE
 ===== OIL CUM ===== GAS CUM ===== WATER CUM =====
 PC DATE BBLs PC DATE MCF DATE BBLs

YEAR	OIL	OIL CUM	GAS	GAS CUM	WATER	WATER CUM
1997			10353	1832179		

POSITION CURSOR BY YEAR AND PRESS ENTER TO DISPLAY MONTHLY PRODUCTION
 ENTER - CONTINUES ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
 PF6 - RETURN TO WELL-INFO DISPLAY PF9 - ANNUAL INJECTION DISPLAY
 PF10 - HELP INFORMATION

B MY JOB LU #33

FARMINGTON

1997 MONTHLY PRODUCTION FOR 53524A

PHS030M1

ATLANTIC 5A

BLANCO PICTURED CLIFFS (GAS) FIELD

ICTURED CLIFFS ZONE

MO	T	S	DAYS	ON	PC	OIL	PROD	GRV	PC	GAS	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F							01	5443	31	1038	15.025				
2	2	F							01	4910	28	1030	15.025				
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

PF6 - RETURNS TO ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 04/03/97

B MY JOB

NUM LU #33

FDG055M4 S031
START OF DATA
DP NO: 53524a
ATLANTIC
S

WELL PRODUCTION 8/8'S VOLUME

04/16/97 16:14:43

Pictured Cliffs

DATE: 970414 (YYMMDD FORMAT)
5A SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-
L	PRODUCED	ON	(BOPD	(MCFD	(BWPD
			BOPM)	MCFM)	BWPM)
-	04/14/97	24.0	0.00	159	2434
-	04/13/97	24.0	0.00	164	2275
-	04/12/97	24.0	0.00	161	2111
-	04/11/97	24.0	0.00	164	1950
-	04/10/97	24.0	0.00	171	1786
-	04/09/97	24.0	0.00	176	1615
-	04/08/97	24.0	0.00	176	1439
-	04/07/97	24.0	0.00	176	1263
-	04/06/97	24.0	0.00	176	1087
-	04/05/97	24.0	0.00	177	911
-	04/04/97	24.0	0.00	177	734

ENTER I UNDER SEL FOR MAINTENANCE

PF12=MAIN MENU PF6=NRI PF10=BROWSE MENU PF11=INQ/UPDATE MENU
B MY JOB ENTER=BACKWARDS PF24=HELP
LU #33

FDG055M4 S031
START OF DATA
DP NO: 53524b
ATLANTIC
S

WELL PRODUCTION 8/8'S VOLUME

04/16/97 16:15:01

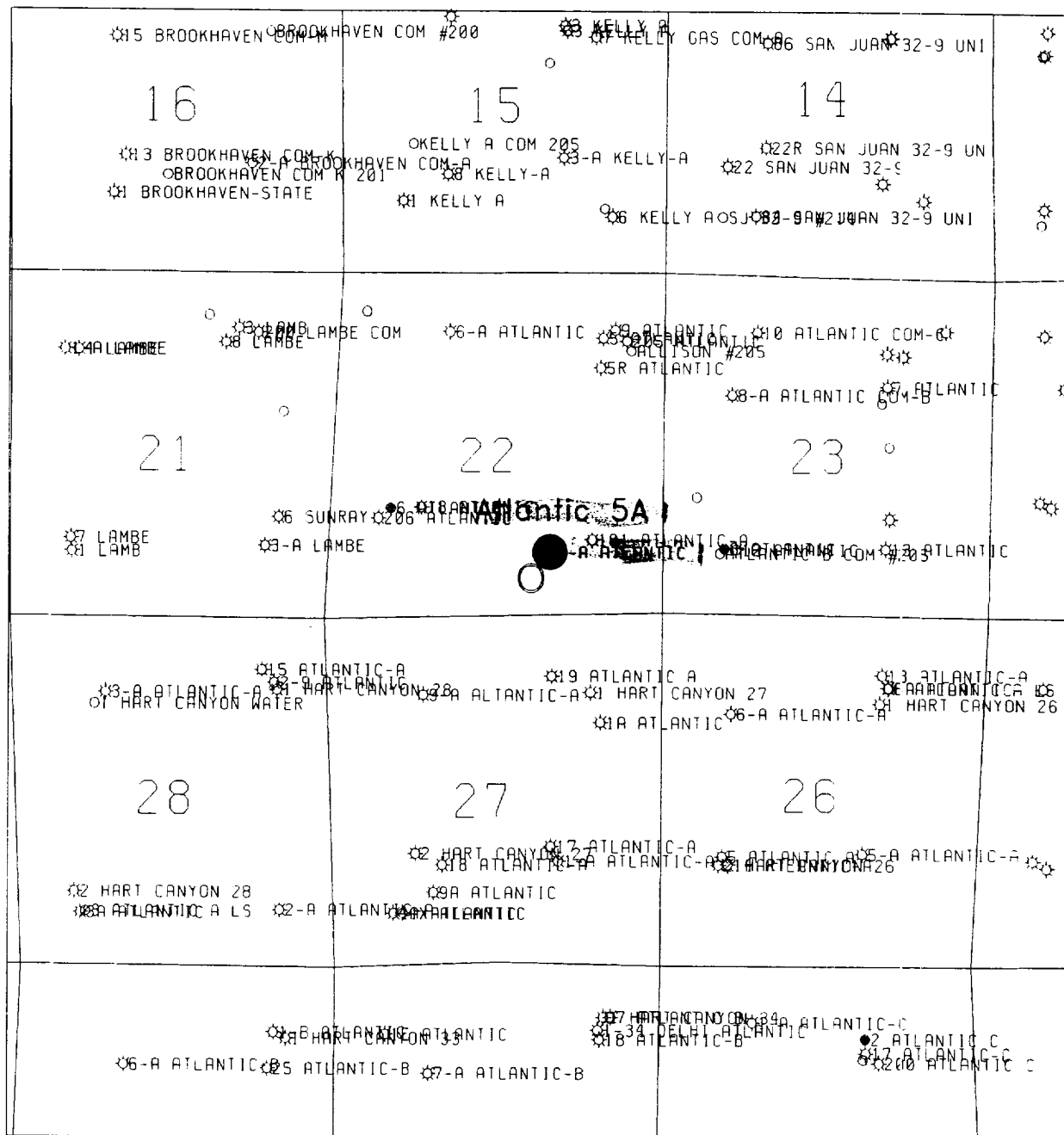
Mesa Verde

DATE: 970414 (YYMMDD FORMAT)
5A SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-
L	PRODUCED	ON	(BOPD	(MCFD	(BWPD
			BOPM)	MCFM)	BWPM)
-	04/14/97	24.0	1.27	427	6006
-	04/13/97	24.0	1.27	435	5579
-	04/12/97	24.0	1.27	444	5144
-	04/11/97	24.0	1.27	452	4700
-	04/10/97	24.0	1.27	464	4248
-	04/09/97	24.0	1.27	482	3784
-	04/08/97	24.0	1.27	412	3302
-	04/07/97	24.0	1.27	412	2890
-	04/06/97	24.0	1.27	412	2478
-	04/05/97	24.0	1.27	414	2066
-	04/04/97	24.0	1.27	414	1652

ENTER I UNDER SEL FOR MAINTENANCE

PF12=MAIN MENU PF6=NRI PF10=BROWSE MENU PF11=INQ/UPDATE MENU
B MY JOB ENTER=BACKWARDS PF24=HELP
LU #33



Atlantic 5A
 Sec220 T31N R10W
 PC/MV