

DATE IN 7/13/99	SUSPENSE 8/2/99	ENGINEER DC	LOGGED KV	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2410

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☐ NSL ☐ NSP ☐ DD ☐ SD

JUL 13 1999

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

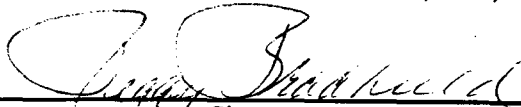
[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Bradfield



Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

10...rench Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

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

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
Revised March 17, 1999

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES OIL & GAS COMPANY
Operator

PO Box 4289, Farmington, NM 87499
Address

San Juan 27-4 Unit
Lease

99A
Well No.

C, Sec 16, T27N, R4W
Unit Ltr. - Sec - Twp - Rge

Rio Arriba
County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7452 API NO. 30-039-2237200 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	Tapacito Pictured Cliff - 85920		Blanco Mesa Verde - 72319
2. Top and Bottom of Pay Section (Perforations)	3966' - 4090'		5742' - 6582'
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. 479 psia @ 4028' (Original) b. 1204 psia @ 4028'	a. b.	a. 263 psia @ 6162' b. 1288 psia @ 6162'
6. Oil Gravity (EAPI) or Gas BTU Content	1244 BTU		1222 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In, give date 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	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 05/31/99 Rates: 36 MCFD 0 BOD, 0 BWD	Date: Rates:	Date: 05/31/99 Rates: 59 MCFD, 0 BOD, 0 BWD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: Gas: Will supply for commingling	Oil: % Gas: %	Oil: Gas: Will supply for commingling

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
15. NMOCD 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 Timothy J. Friesenhahn TITLE Operations Engineer DATE 07-06-99

TYPE OR PRINT NAME Timothy J. Friesenhahn TELEPHONE NO. (505) 326-9700

IL CONSERVATION DIVISIO

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-7

NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

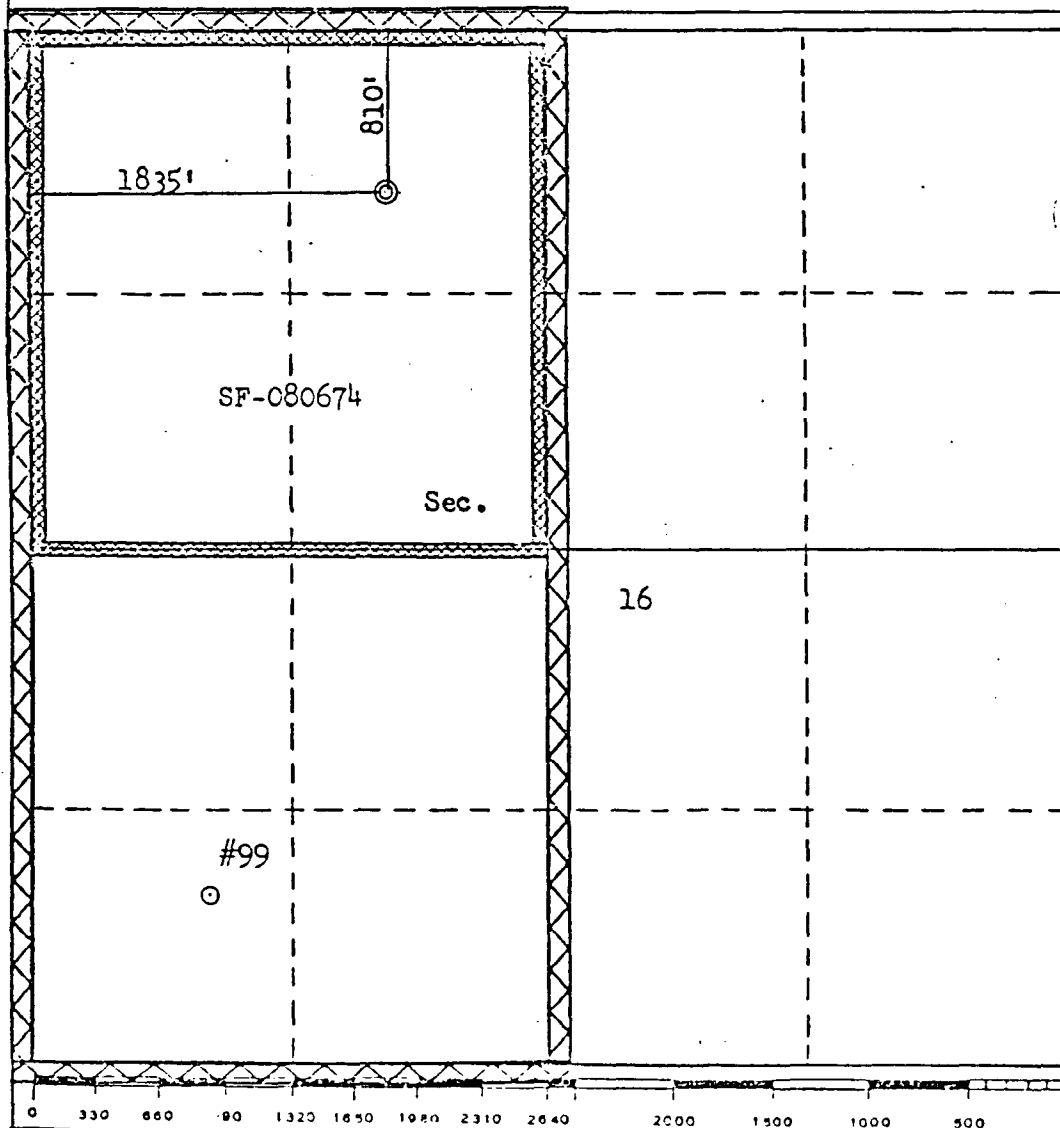
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 27-4 UNIT (SF-080674)		Well No. 99-A
Unit Letter C	Section 16	Township 27N	Range 1W	County Rio Arriba	
Actual Footage Location of Well: 810 feet from the North line and 1835 feet from the West line					
Ground Level Elev. 7138	Producing Formation PICTURED MESA VERDE - CLIFFS		TAPACITO PICTURED CLIFFS EXT. BLANCO MESA VERDE		Dedicated Acreage: 320.00 & 160.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?
X Unitization

☐ 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.
NOTE: THIS PLAT IS REISSUED TO SHOW DUAL COMPLETION. 1-4-80



CERTIFICATION

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

Name
Drilling Clerk

Position
El Paso Natural Gas C

Company
April 22, 1980

Date

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.

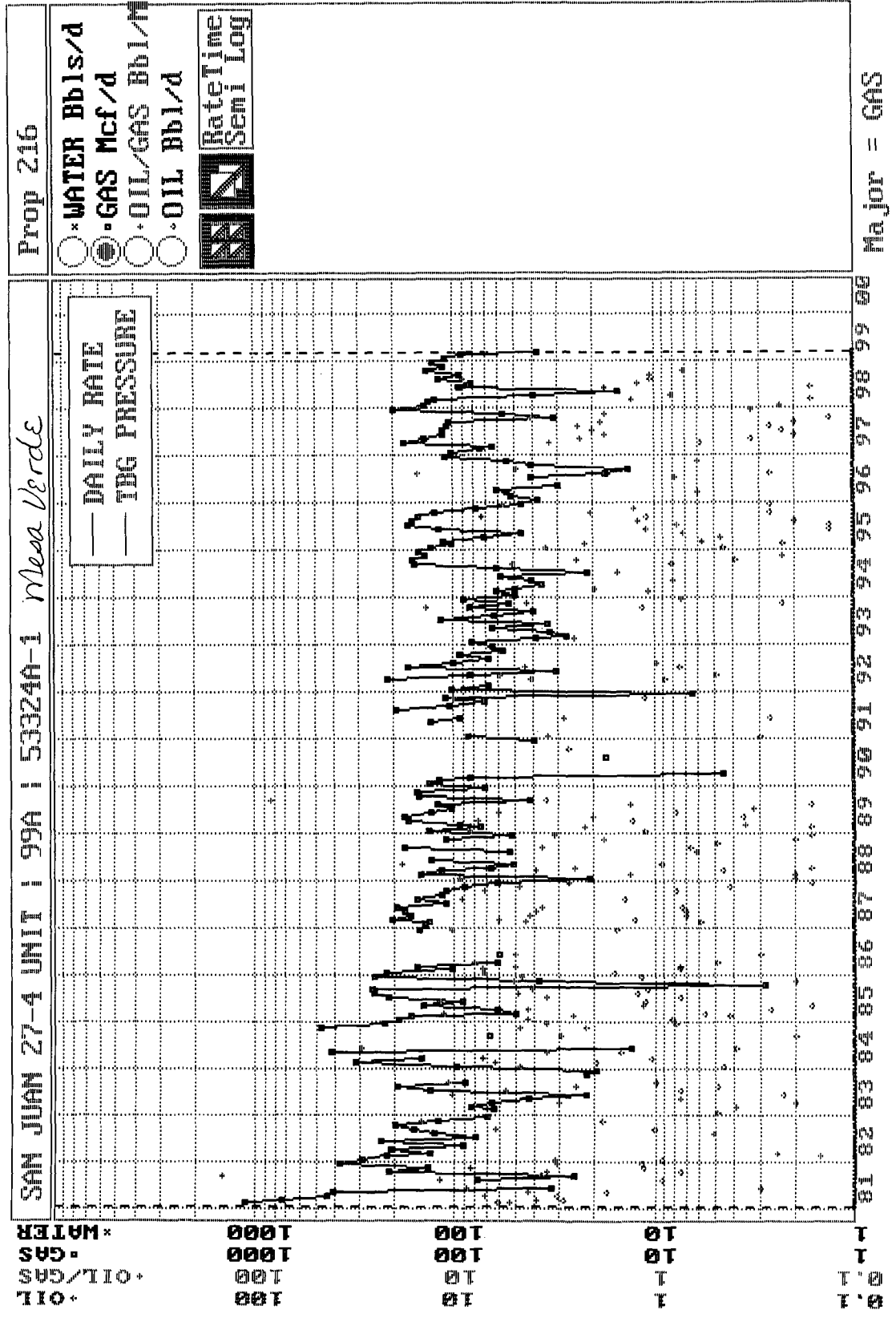
Date Surveyed
December 19, 1979

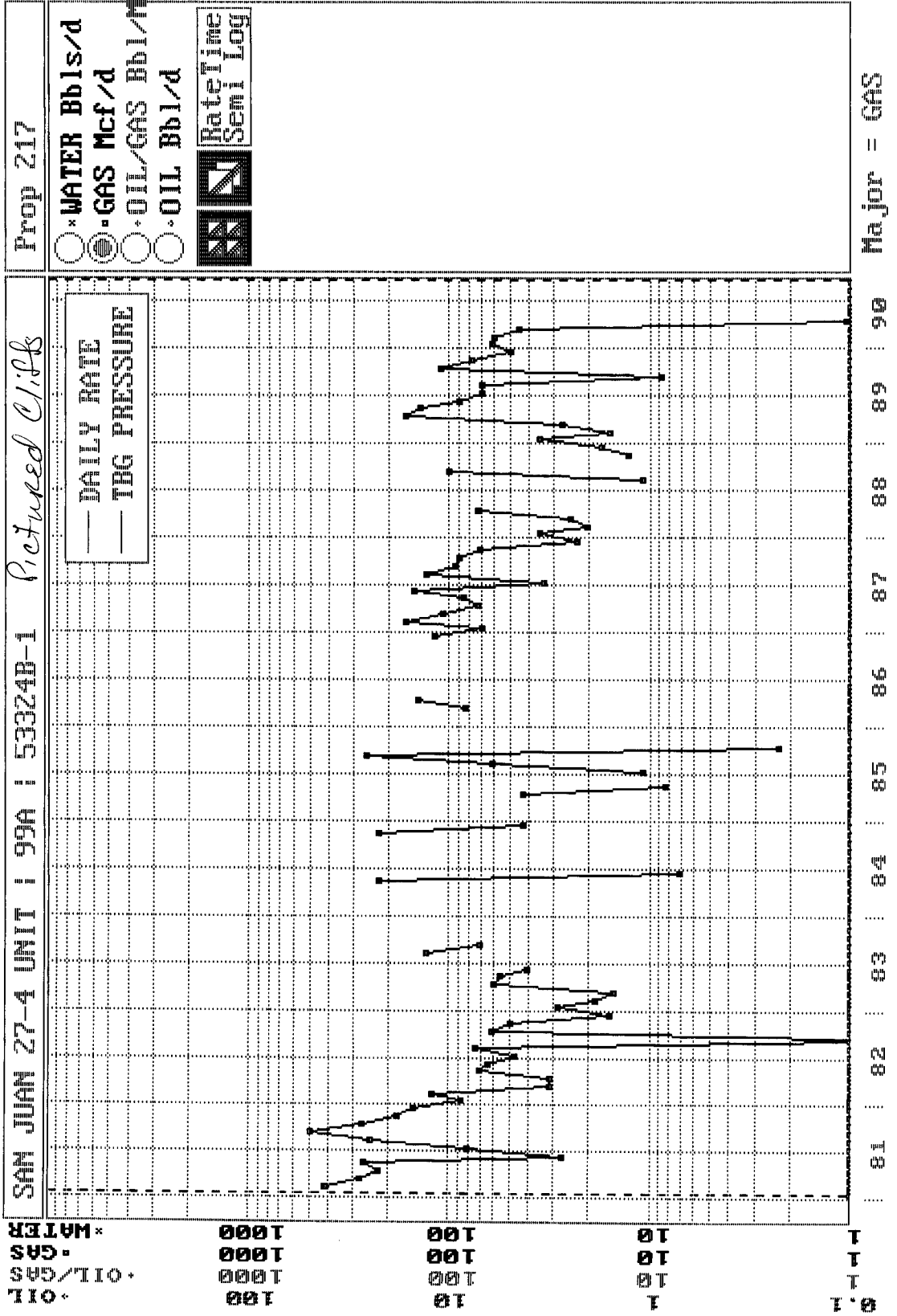
Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950





Page No.: 1

Print Time: Mon May 24 15:08:45 1999

Property ID: 1302

Property Name: SAN JUAN 27-4 UNIT | 99A | 53324A-1 *Mesa Verde*

Table Name: Q:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

--DATE--	---CUM GAS--	M SIWHP
	Mcf	Psi

11/24/80	0	1076.0
12/01/80	0	1077.0
03/13/81	57179	691.0
11/03/82	166636	524.0
09/13/83	190053	627.0
06/05/84	221573	565.0
01/04/87	324685	576.0
10/04/89	435999	472.0
06/28/91	464480	543.0
08/20/91	470626	531.0
05/31/93	519058	435.0

3/31/99	704056	215
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Original

Current

Based on Cum Gas vs pressure Curve

Page No.: 2

Print Time: Mon May 24 15:08:45 1999

Property ID: 1303

Property Name: SAN JUAN 27-4 UNIT | 99A | 53324B-1

Table Name: Q:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

Pictured Cliffs

<u>--DATE--</u>	<u>---CUM GAS--</u>	<u>M SIWHP</u>
	<u>Mcf</u>	<u>Psi</u>

11/13/80	0	1052.0
12/01/80	0	1053.0
03/13/81	21302	733.0
11/03/82	100112	673.0
09/13/83	113445	633.0
06/05/84	120534	667.0
04/21/86	147561	601.0
04/15/89	223562	587.0
10/04/89	216110	572.0
09/11/91	231496	586.0
05/31/93	253768	576.0

Original

3/31/99	339392	418
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*CURRENT
BASED ON Cum GAS VS PRESSURE CURVE*

San Juan 27-4 Unit #99A
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Pictured Cliffs		Mesa Verde	
<u>PC-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0.72	GAS GRAVITY	0.685
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	1.03	%N2	0.19
%CO2	0.15	%CO2	0.96
%H2S	0	%H2S	0
DIAMETER (IN)	6.456	DIAMETER (IN)	4.052
DEPTH (FT)	4028	DEPTH (FT)	6162
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	122	BOTTOMHOLE TEMPERATURE (DEG F)	155
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	430	SURFACE PRESSURE (PSIA)	227
BOTTOMHOLE PRESSURE (PSIA)	479.0	BOTTOMHOLE PRESSURE (PSIA)	262.5
<u>PC-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.72	GAS GRAVITY	0.685
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	1.03	%N2	0.19
%CO2	0.15	%CO2	0.96
%H2S	0	%H2S	0
DIAMETER (IN)	6.456	DIAMETER (IN)	4.052
DEPTH (FT)	4028	DEPTH (FT)	6162
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	122	BOTTOMHOLE TEMPERATURE (DEG F)	155
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1064	SURFACE PRESSURE (PSIA)	1088
BOTTOMHOLE PRESSURE (PSIA)	1204.9	BOTTOMHOLE PRESSURE (PSIA)	1287.5

Cumulative Monthly Well Report

October 1998 -- June 1999

Select By : Completions
Sort By :

Page No : 1
Report Number : R_290
Last Update :
Print Date : 06/28/1999, 10:43:50

Completion	Date	Cur Oil	Cum Oil	Cur Gas	Cum Gas	Cur Wat	Cum Wat
SAN JUAN 27-4 UNIT 99A <i>Mesa Verde</i>	11/30/1998	6.67	6.67	3,443.29	3,443.29	1.16	1.16
	12/31/1998	0.00	6.67	3,920.72	7,364.01	0.00	1.16
	01/31/1999	17.38	24.05	3,363.87	10,727.88	0.00	1.16
	02/28/1999	12.75	36.80	2,796.12	13,524.00	0.00	1.16
	03/31/1999	0.87	37.67	1,203.15	14,727.15	0.00	1.16
	04/30/1999	0.00	37.67	2,515.51	17,242.66	0.00	1.16
	05/31/1999	1.74	39.41	1,842.34	19,085.00	0.00	1.16
	06/30/1999	0.00	39.41	0.00	19,085.00	0.00	1.16
	11/30/1998	0.00	0.00	1,658.39	1,658.39	0.00	0.00
	12/31/1998	0.00	0.00	1,566.25	3,224.64	0.00	0.00
	01/31/1999	0.00	0.00	1,067.25	4,291.89	0.00	0.00
	02/28/1999	0.00	0.00	937.78	5,229.67	0.00	0.00
<i>Pictured Cliffs</i>	03/31/1999	0.00	0.00	807.45	6,037.12	0.00	0.00
	04/30/1999	0.00	0.00	1,156.44	7,193.56	0.00	0.00
	05/31/1999	0.00	0.00	1,123.13	8,316.69	0.00	0.00
	06/30/1999	0.00	0.00	0.00	8,316.69	0.00	0.00

FARMINGTON

ANNUAL PRODUCTION FOR 53324A

PHS020M1

SAN JUAN 27-4 UNIT 99A

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
1991      51      2218      24409     479584
1992      68      2286      32189     511773
1993      47      2333      22138     533911
1994      45      2378      30258     564169
1995      91      2469      40218     604387
1996      13      2482      15737     620124
1997      64      2546      39324     659448
1998      53      2599      33323     692771
=====
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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

FARMINGTON 1998 MONTHLY PRODUCTION FOR 53324A
 SAN JUAN 27-4 UNIT 99A
 BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE

PHS030M1

DAYS =====				OIL =====		=====		GAS =====						
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F	31	02	1		01	4268	31	1186	15.025			
2	2	F	28	02			01	4047	28	1186	15.025			
3	2	F	31	02	5		01	3844	31	1186	15.025			
4	2	F	27	02	1		01	1225	27	1186	15.025			
5	2	F	27	02			01	465	27	1170	15.025			
6	2	F	30	02	5		01	2860	30	1170	15.025			
7	2	F	31	02	3		01	2499	31	1170	15.025			
8	2	F	31	02	32		01	3594	31	1170	15.025			
9	2	F	30	02	3		01	2891	30	1170	15.025			
10	2	F	31	02	3		01	4188	31	1170	15.025			
11	2	F					01	3442		1170	15.025			
12														

PF6 - RETURNS TO ANNUAL DISPLAY
 PF10 - HELP INFORMATION

PF3 - TRANSFER TO UPDATE
 PF9 - DISPLAY MONTHLY INJECTION
 PRS 01/06/99

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

FARMINGTON

ANNUAL PRODUCTION FOR 53324B

PHS020M1

SAN JUAN 27-4 UNIT 99A

TAPACITO (PICTURED CLIFFS) 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
1991              9067      234336
1992             17203      251539
1993             12483      264022
1994              7968      271990
1995             18608      290598
1996             16255      306853
1997             14887      321740
1998             11615      333355
=====
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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

FARMINGTON

1998 MONTHLY PRODUCTION FOR 53324B

PHS030M1

SAN JUAN 27-4 UNIT 99A

TAPACITO (PICTURED CLIFFS) FIELD

PICTURED CLIFFS ZONE

DAYS =====			OIL =====		=====		GAS =====							
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	C
1	2	F					01	1246	31	1216	15.025			
2	2	F					01	513	28	1216	15.025			
3	2	F					01	703	31	1216	15.025			
4	2	F					01	1616	25	1216	15.025			
5	2	F					01	2052	27	1229	15.025			
6	2	F					01	857	30	1229	15.025			
7	2	F					01	900	31	1229	15.025			
8	2	F					01	1095	31	1229	15.025			
9	2	F					01	683	30	1229	15.025			
10	2	F					01	1950	31	1229	15.025			
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 12/05/98

BURLINGTON RESOURCES OIL AND GAS COMPANY

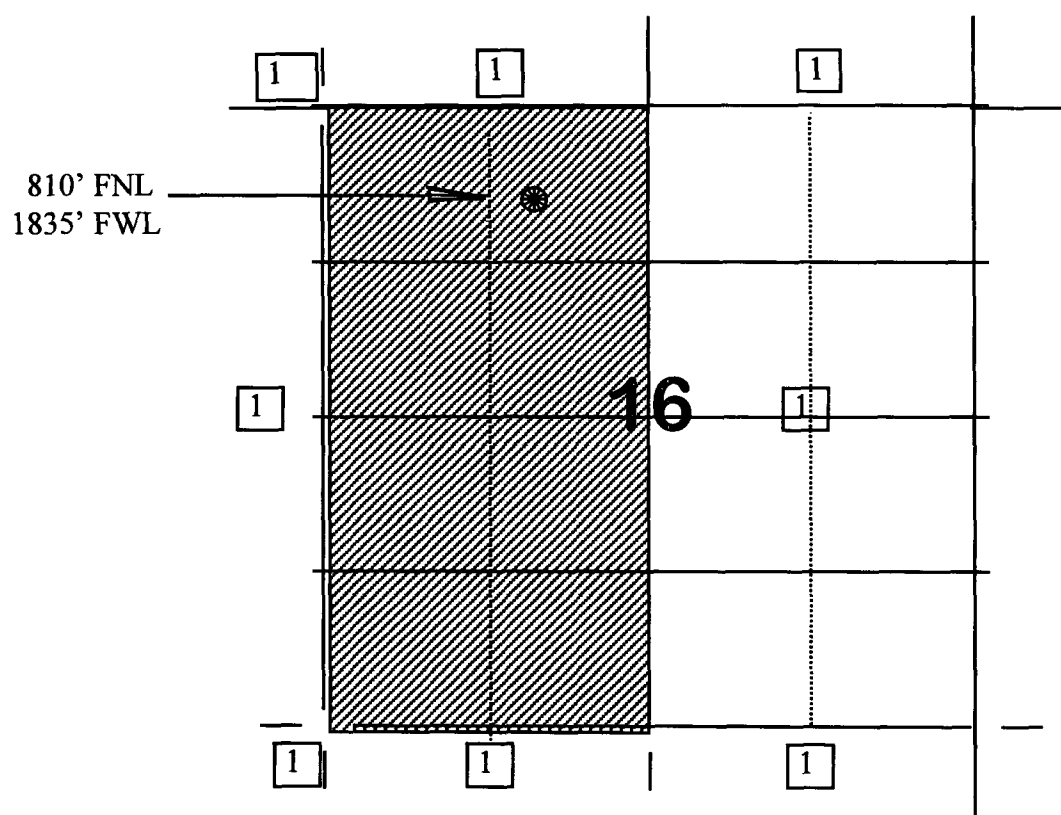
San Juan 27-4 Unit #99A

OFFSET OPERATOR/OWNER PLAT

Pictured Cliffs (NW/4) & Mesaverde (W/2) Formations

Commingle well

Township 27 North, Range 4 West



1) Burlington Resources

SJ 15A ○	SJ 39 ☀	SJ 18 ☀	SJ 152 ○
SJ 5 ☀ SJ 123 ☀	SJ 124A ○ 8 SJ 124 ☀ SJ 42 ☀ SJ 125A ○	9 SJ 139 ○ SJ 134 ☀ SJ 7 ☀	10 SJ 98 ☀ SJ 140 ○
SJ 121 ☀ SJ 44 ○ SJ 121A ○	SJ 16A ○ 17 SJ 16 ☀ SJ 16R ☀ SJ 43 ☀ SJ 73 ☀	San Juan 27-4 #99A ○ 16 SJ 71 ☀ SJ 99 ○ SJ 138 ○	SJ 3 ○ 15 SJ 141 ○
SJ 45 ○	SJ 47 ○ 20 SJ 126 ☀ SJ 48 ☀	SJ 75 ○ 21 SJ 78 ☀ SJ 145 ○ SJ 56 ☀ SJ 77 ○	SJ 142 ☀ SJ 60 ☀ SJ 76 ☀ 22 SJ 79 ☀ SJ 149 ○ SJ 143 ○

San Juan 27-4 #99A
Sec 16, T27N, R4W
Pictured Cliffs/Mesa Verde

DOROTHY A ABRAHAM IND EXEC
JOSEPH R ABRAHAM ESTATE
5517 WILLOW LN
DALLAS TX 75230

GERALD F HARRINGTON
C/O NATIONS BANK
PO BOX 1813
DES MOINES IA 50306-1813

MARY F ROBERTS
PO BOX 15940
SANTA FE NM 87506

PATRICIA ANN ASHBURN
46 CARIBE WAY
VERO BEACH FL 32963

ROBBYE F BAKER
P O BOX 12992
EL PASO TX 79913-0992

MARY JONE CHAPPELL
PO BOX 1865
CORRALES NM 87048

PATRICIA P SCHIEFFER
C/O J THOMAS SCHIEFFER
1000 BALLPARK WAY #300
ARLINGTON TX 76011

STEVE J ABRAHAM PERS REP
MARY F ABRAHAM ESTATE
906 FOUR HILLS RD SE
ALBUQUERQUE NM 87123

MIKE C ABRAHAM TRUSTEE
711 AMHERST DR SE
ALBUQUERQUE NM 87106

JAMES V HARRINGTON
PO BOX 13535
ALBUQUERQUE NM 87192

UW FOSTER MORRELL DECD 11-1065
C/O NORWEST BANK NEW MEXICO NA
PO BOX 5383
DENVER CO 80217

MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810
DENVER CO 80217-5810

UNION OIL CO OF CALIF
ATTN REVENUE ACCOUNTING
PO BOX 841055
DALLAS TX 75284-1055

WILLIAM B GREENE
812 GRANDVIEW DRIVE SE
ALBUQUERQUE NM 87108

EDNA E MORRELL LIV TR 11-1073
C/O NORWEST BANK NEW MEXICO NA
PO BOX 5383
DENVER CO 80217

BANK OF AMERICA

LESLIE C TATUM
PO BOX 7392
KANSAS CITY MO 64116

CINCO GENERAL PARTNERSHIP
PO BOX 451
ALBUQUERQUE NM 87103-0451

LMA ROYALTIES LTD
PO BOX 1778
COLORADO SPRINGS CO 80901-1778

ELEANOR G HAND
9 ANSLEY DR NE
ATLANTA GA 30309

TEMPE LTD PARTNERSHIP
C/O F E & M K HARRINGTON
652 FEARRINGTON POST
PITTSBORO NC 27312

MARY JO WELLS
5250 WOODLAWN AVE
CHEVY CHASE MD 20815

JUAN R MONTANO
PO BOX 247
TIERRA AMARILLA NM 87575-0247

HARCO LTD PARTNERSHIP
PO BOX 216
ROSWELL NM 88202-0216

D A ABRAHAM LLC
C/O KEVIN CHISHOLM CPA
CONCOURSE PLAZA
16051 ADDISON RD STE 212
DALLAS TX 75248

PHILIP O MEADOWS & LEE D
MEADOWS PERS REP
JOHN C MEADOWS ESTATE
6053 ARLINGTON EXPWY
JACKSONVILLE FL 32211

ROBERT S TATUM TRUSTEE
TATUM LIVING TR DTD 12/10/96
NATIONSBANK NA AGENT
LOCK BOX 840738
DALLAS TX 75284-0738

KATHLEEN EARNEST RIOS TRUSTEE
ROBERT P EARNEST & ANNA DOKUS
EARNEST TRUST DTD 5/4/79
2404 LORING #131
SAN DIEGO CA 92109-2347

FIRST NATL BK SANTA FE AGENT
AMALIA SANCHEZ
C/O BANK OF OKLAHOMA AGENT
PO BOX 1588
TULSA OK 74101

FIRST NATIONAL BANK OF SANTA FE
TRUST U/W MANUEL A SANCHEZ
C/O BANK OF OKLAHOMA AGENT
PO BOX 1588
TULSA OK 74101

BANK OF AMERICA
SCOTT ANTHONY VENEZIA
ACCT #02327-02361 (TYPE DDA)
PO BOX 85058
SAN DIEGO CA 92186-5058

BANK OF AMERICA
F/A/O DEREK PETER VENEZIA
ACCT # 02327-02361 (TYPE DDA)
PO BOX 85058
SAN DIEGO CA 92186-5058

San Juan 27-4 Unit #99A
Sec. 16, T27N R4W
Rio Arriba County, New Mexico

Production Allocation Based On Cumulative Production Through 03/99

	Cumulative Production		% Allocation	
	MCF	Bbl Oil	% Gas	% Oil
Mesa Verde	704,056	2,599	67.47%	100.00%
Pictured Cliffs	339,392	0	32.53%	0.00%
Total	1,043,448	2,599	100.00%	100.00%

Gas Allocation:

	(Total Mesa Verde Production)	704,056 MCF	
Mesa Verde			= 67.47%
	(Total Combined Production)	1,043,448 MCF	

	(Total Pictured Cliffs Production)	339392 MCF	
Pictured Cliffs			= 32.53%
	(Total Combined Production)	1043448 MCF	

Oil Allocation:

	(Total Mesa Verde Production)	2,599 Bbl Oil	
Mesa Verde			100.00%
	(Total Combined Production)	2,599 Bbl Oil	

	(Total Pictured Cliffs Production)	0 Bbl Oil	
Pictured Cliffs	-----	-----	= 0.00%
	(Total Combined Production)	2,599 Bbl Oil	