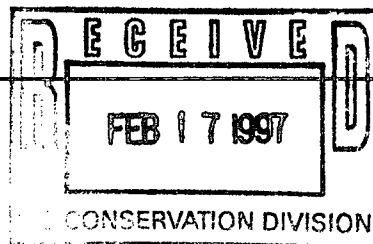


BURLINGTON RESOURCES

SAN JUAN DIVISION



February 14, 1997

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Sanchez A #2
1570'FSL, 810'FWL Section 20, T-26-N, R-06-W, Rio Arriba County, NM
API #30-039-21968

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde, Ensenada Gallup and Basin Dakota pools in the subject well. This well was originally drilled as a single Dakota. The Mesa Verde and Gallup pools were opened in 1996. An application for this commingling was submitted to you in December 1996, and further information was requested by your staff. We are now submitting to you a revised application, including the requested information.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company is submitting the following for your approval of this commingling:

1. Form C107A - Application for Downhole Commingling;
2. C-102 plat for each zone showing its spacing unit and acreage dedication;
3. Production curve for the Dakota and curves for expected production for the Gallup and Mesa Verde;
4. Notification list of offset operators;
5. Shut in wellhead pressure and calculated down hole pressure;
6. Nine-section plats for the Mesa Verde, Gallup and Dakota.

If you are a working, overriding or royalty interest owner in either of the above described pools, you are being notified of this application as a requirement of the New Mexico Oil Conservation Division Rule #303C. Burlington, as operator, believes this application will be in the best interest of all owners. If you have no objection to this commingling application, you do not have to respond to this notification. Upon establishment of production from this well, you will receive your proportionate share of revenues from the pool in which you own an interest according to the proposed allocation formula. The allocation formula is included showing the calculations.

Please let me know if you require additional data.

Sincerely,


Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management

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 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

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

APPROVAL PROCESS :

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES

Operator

PO BOX 4289 FARMINGTON, NM 87499

Address

SANCHEZ A

Lease

2

Well No.

L- 20 -26N-6W

Unit Ltr. - Sec - Twp - Rge

RIO ARRIBA

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 014538 Property Code 7476 API NO. 30-039-21968 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 MESAVERDE - 72319	ENSENADA GALLUP-96321	BASIN DAKOTA - 71599
2. Top and Bottom of Pay Section (Perforations)	4924-5242'	6080-6294'	6944-7242'
3. Type of production (Oil or Gas)	GAS	GAS	GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING	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. 993 psi (see attachment) (Original) b. 2785 psi (see attachment)	a. 1156psi (see attachment) b. 1156psi (see attachment)	a. 523 psi (see attachment) b. 2951 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1221	BTU 1166	BTU 1178
7. Producing or Shut-In?	SHUT - IN	SHUT - IN	SHUT - IN
Production Marginal? (yes or no)	NO	YES	YES
* If Shut-In 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: N/A Rates:	Date: N/A Rates:	Date: N/A Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: N/A Rates:	Date: Rates:	Date: N/A Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: % Gas: % WILL BE SUPPLIED UPON COMPLETION	Oil: % Gas: % WILL BE SUPPLIED UPON COMPLETION	Oil: % Gas: % WILL BE SUPPLIED UPON COMPLETION

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. 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: Joan M Easley TITLE Production Engineer DATE 2/13/97TYPE OR PRINT NAME Joan M. Easley TELEPHONE NO. (505) 326-9700

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
600 Elm Branch Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
BLM

96 JUL 15 PM 3:49

Form C-102
Revised February 21, 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

API Number 30-039-21968	Well Code 72319 96321/71599	Well Name Blanco MV/Ensenada Gal/Basin DK
Property Code 7475	Property Name Sanchez "A"	Well Number 2
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Division 6426

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
L	20	26 N	6 W		1570	South	810	West	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres S/320 160-S/320	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

16 Not resurveyed, prepared
from a plat dated 11-6-78
by Fred B. Kerr Jr.

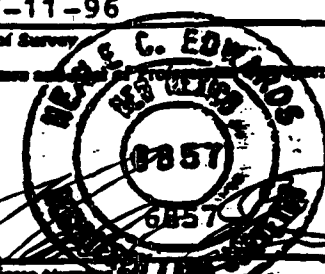
17 OPERATOR CERTIFICATION

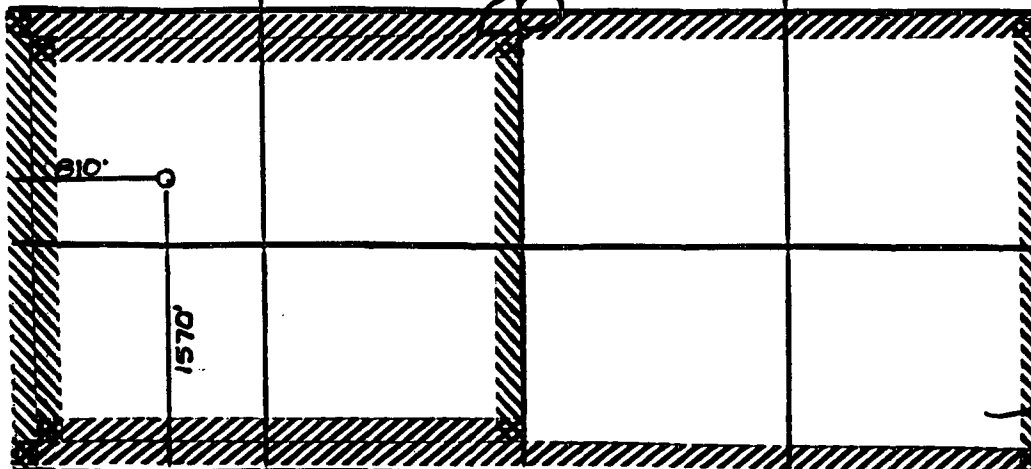
I hereby certify that the information contained herein is
true and complete to the best of my knowledge and belief

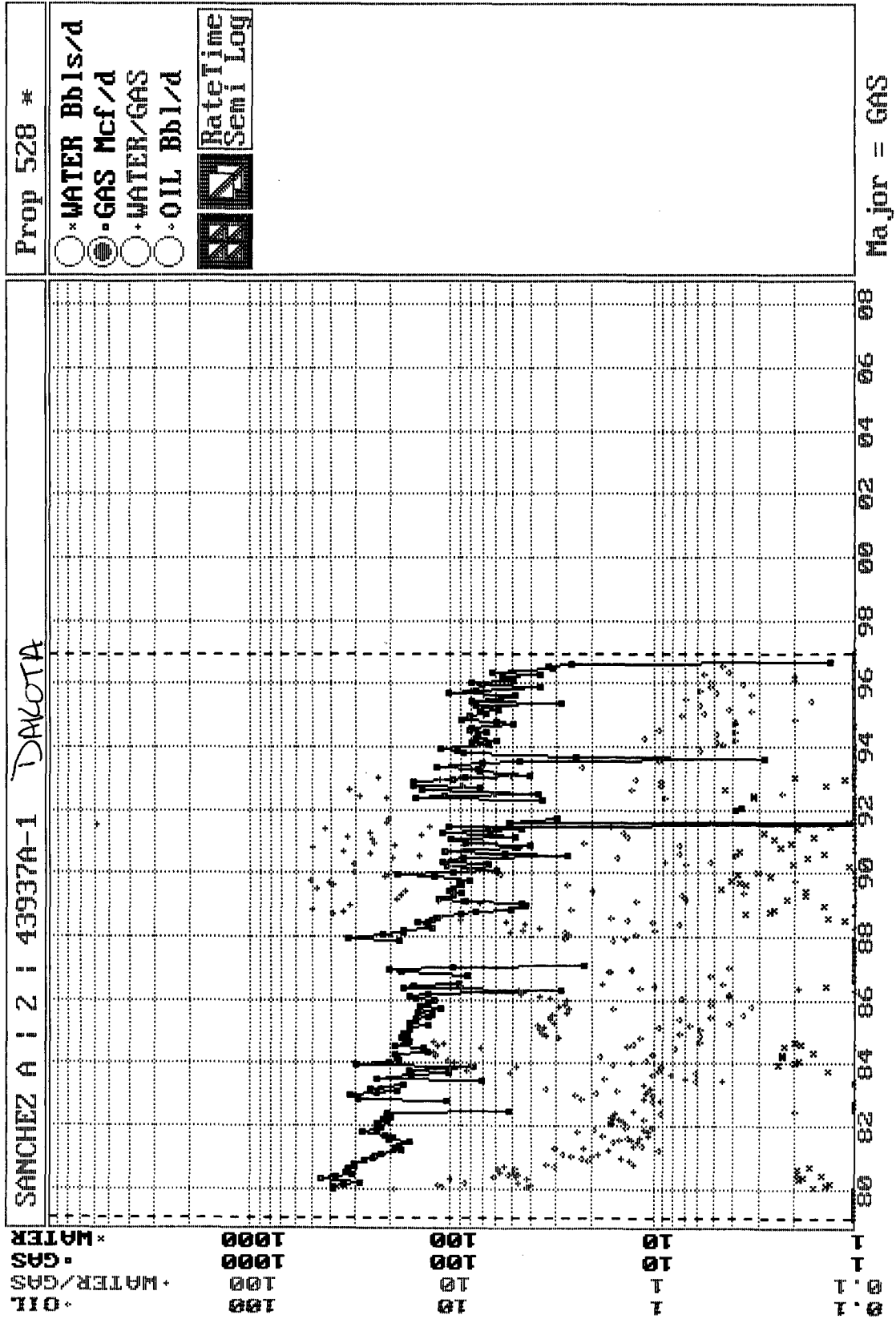

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
7-15-96
Date

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.

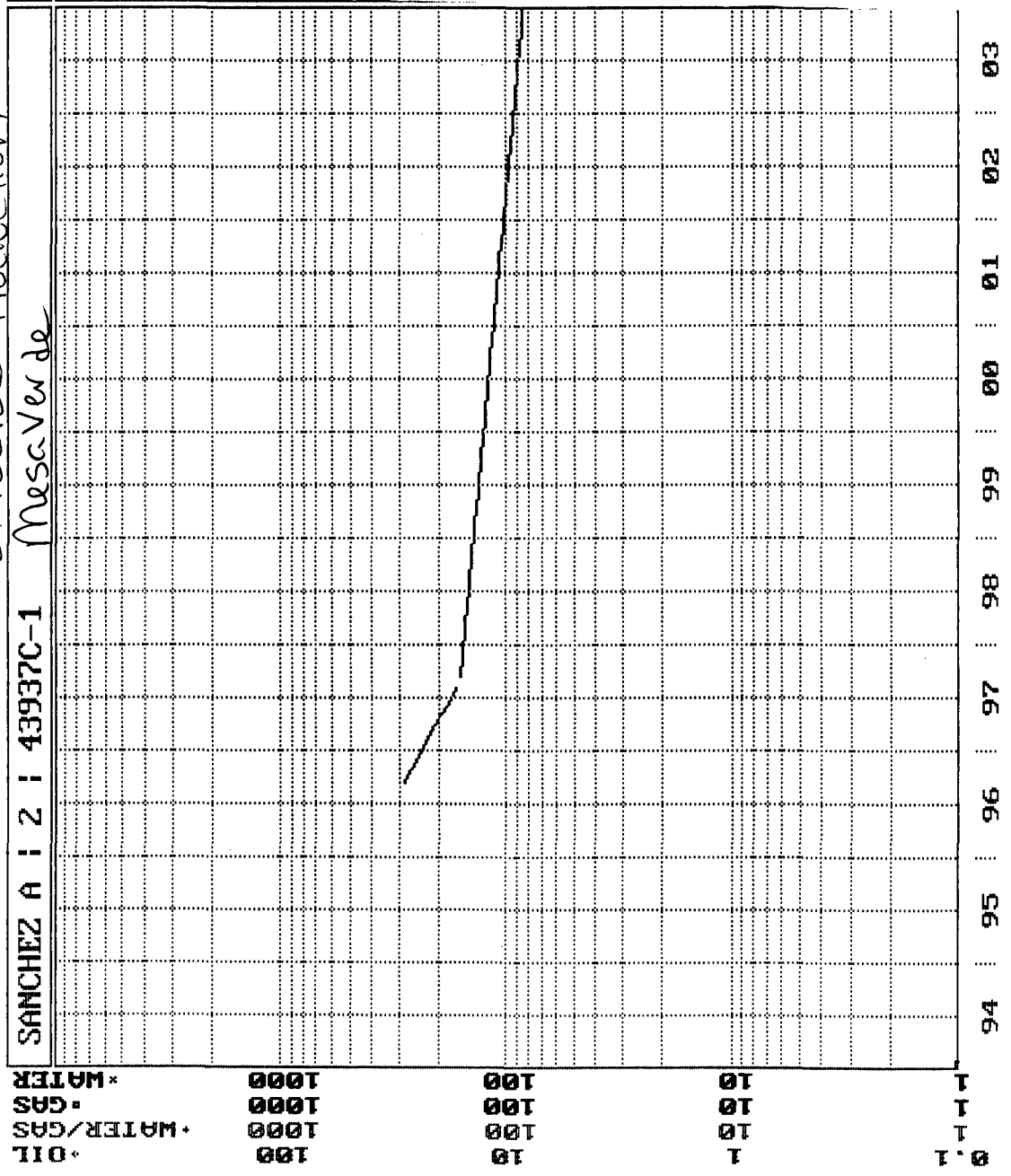
7-11-96
Date of Survey
Signature

Certification Number





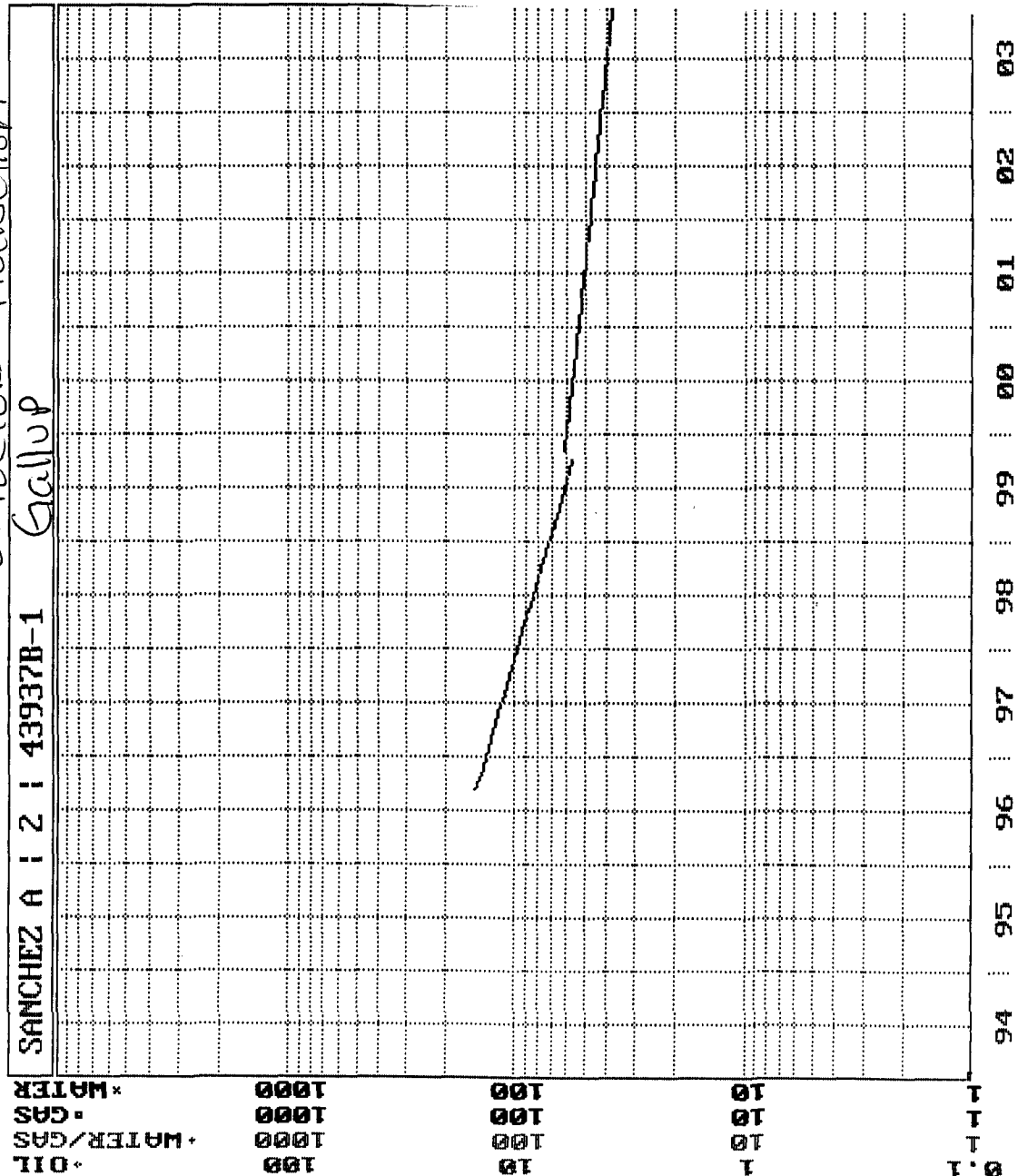
EXPECTED PRODUCTION

SANCHEZ A : 2 : 43937C-1		Prop 530 *	
☐ OIL ☐ WATER/GAS ☐ GAS ☐ WATER		☐ WATER Bbls/d ☒ GAS Mcf/d ☐ WATER/GAS ☐ OIL Bbl/d	
☒ Rate ☒ Time ☒ SEMI LOG		☒ Rate ☒ Time ☒ SEMI LOG	



Expected Production

SANCHEZ A : 2 : 43937B-1		Prop 529 *
• OIL	100	☐ WATER Bbls/d
• WATER/GAS	1000	☒ GAS Mcf/d
• GAS	1000	☐ WATER/GAS
• WATER	1000	☐ OIL Bbl/d
☒ Rate Time ☒ Semi Log		

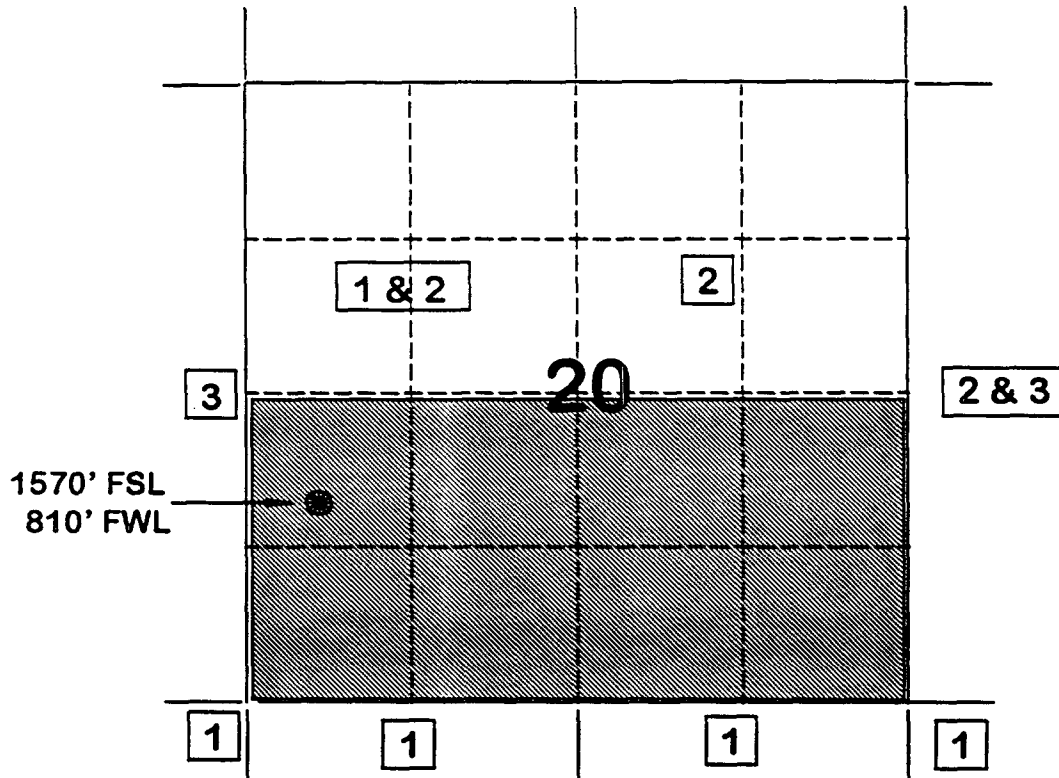


BURLINGTON RESOURCES OIL AND GAS COMPANY

**Sanchez A #2
OFFSET OPERATOR \ OWNER PLAT**

Mesaverde (S/2)/Gallup (SW/4)/Dakota (S/2) Formations Commingle Well

Township 26 North, Range 6 West



- 1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.
 - 2) Caulkins Oil Company
P.O. Box 340
Bloomfield, NM 87413
 - 3) Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
- Caulkins Oil Company
2100 Colorado Bank Building
Denver, CO 80202

DATE: 12/10/96

BR OIL & GAS COMPANY
EXHIBIT 'A'
SANCHEZ A #2
RIO ARRIBA, NEW MEXICO

PAGE 1
PID# 072014601
DO# 807378-00

```
*****
* OFFICE USE ONLY *
*
* PC OWNER # *
```

NAME AND ADDRESS

LSE/ TRT	BROG INTEREST	GAS %
-------------	------------------	----------

1. 1 001082-01

THOMAS F MCKENNA
1006 BERNALILLO PL SE
ALBUQUERQUE , NM 87123
SSN OR TAX ID: 118-09-4886

B 1.125000 ORRI

2. 1 002891-01

JOSEPH A SOMMER TRUSTEE
JOSEPH A SOMMER REVOCABLE
TRUST U/T/A DTD 11-10-87
PO BOX 1984
SANTA FE , NM 87501
SSN OR TAX ID: 296-16-7139

B 0.750000 ORRI

3. 1 016825-05

ROBERT BEAMON
C/O FIRST NAT'L BNK BELLVILLE
ATTN STEVE ZAPALAC
P O BOX 128
BELLVILLE , TX 77418
SSN OR TAX ID: 456-40-4346

A 1.417969 ORRI

4. 1-017364-02

PATTIE ANN BEAMON LUNDELL EST
C/O ROBERT WALTER LUNDELL EXEC
1616 S VOSS #870
HOUSTON , TX 77057
SSN OR TAX ID: 76-6110748

A 2.062500 ORRI

5. 1 025866-01

AUDURY M BINDEL
1005 VALIRIE CIRCLE
SANTA FE , NM 87501
SSN OR TAX ID: 529

A	0.017361	ORRI
A	0.086806	ORRI
TOTAL	0.104167	

6. 1 025933-01

GRACIE JUNE CONNELL
1500 S 1ST
CLAYTON , NM 88415
SSN OR TAX ID: 525-22-9265

A	0.520834	ORRI
A	0.104166	ORRI
TOTAL	0.625000	

7. 3 025950-01

C A SANCHEZ & BERNA R SANCHEZ
846 S CITRUS AVE
---INCORRECT ADDRESS---
-----DO NOT MAIL-----
LOS ANGELES , CA 90036
SSN OR TAX ID: 525-24-5701

B 1.875000 ORRI

8. 1 025961-01

MELVIN WETSEL
217 CEDAR
CLAYTON, NM 88415
SSN OR TAX ID: 525-24-7557

A	0.520834	ORRI
A	0.104166	ORRI
TOTAL	0.625000	

9. 1 026294-01

AUDURY M BINDEL
A/C JO ANN BILLINGSLEY
AND RONALD E BILLINGSLEY
P O BOX 6386

A	0.034722	ORR1
A	0.173611	ORR1
TOTAL	0.208333	

10. 1 026609-01	SANTA FE , NM 87502 SSN OR TAX ID: 525-50-0424	A 0.086805 ORRI A 0.017361 ORRI TOTAL 0.104166
11. 1 027338-01	KENNETH W GILCREASE 2094 AVENIDA DE LAS ALTURAS SANTA FE , NM 87505 SSN OR TAX ID: 525-72-7235	A 6.510417 RI A 1.302083 RI B 4.687500 RI TOTAL 12.500000
12. 1 029897-01	MINERALS MANAGEMENT SERVICE ROYALTY MANAGEMENT PROGRAM PO BOX 5810 DENVER , CO 80217 SSN OR TAX ID: 53-0196958	A 0.017361 ORRI A 0.086805 ORRI TOTAL 0.104166
13. 1 030177-01	CHARLES GILCREASE 2831 DON QUIXOTE SANTA FE , NM 87501 SSN OR TAX ID: 585-05-4610	A 0.520834 ORRI A 0.104166 ORRI TOTAL 0.625000
14. 1 033720-01	LAVA BUTT 314 N 1ST AVE CLAYTON , NM 88415 SSN OR TAX ID: 585-28-9799	A 0.515625 ORRI
15. 1 066745-01	TOM L HAIL TR 1201 LOUISIANA STE 3428 HOUSTON , TX 77002 SSN OR TAX ID: 74-6112901	A 0.017361 ORRI A 0.086806 ORRI TOTAL 0.104167
	LUCIAN B JACKSON RR 1 BOX 603 WILSON , OK 73463 SSN OR TAX ID: 448-30-7347	

DATE: 12/10/96

BR OIL & GAS COMPANY
EXHIBIT 'A'
SANCHEZ A #2
RIO ARRIBA, NEW MEXICO

PAGE 2
PID# 072014601
DO# 807378-00

* OFFICE USE ONLY *
* *
* PC OWNER # *

LSE/ BROG GAS
TRT INTEREST %

NAME AND ADDRESS

16. 1 067057-01	JAMES ROBERT BEAMON TRUSTEE THREE RIVERWAY STE 470 HOUSTON, TX 77056 SSN OR TAX ID: 76-0328922	A	0.025782	ORRI
17. 1 067058-01	CATHRYN BEAMON 1200 S DAIRY ASHFORD ST #1413 HOUSTON, TX 77077 SSN OR TAX ID: 467-86-1066	A A TOTAL	0.515625 0.025781 0.541406	ORRI ORRI
18. 1 067059-01	CLAUDIA MARCIA LUNDELL GILMER 30 GOLDEN PL THE WOODLANDS, TX 77381 SSN OR TAX ID: 465-94-1945	A	0.515625	ORRI
19. 1 067188-01	LINDA JEANNE LUNDELL LINDSEY PO BOX 631565 NACOGDOCHES, TX 75963 SSN OR TAX ID: 465-94-1930	A	0.515625	ORRI
20. 1 067973-01	VIOLA E HIGGINS 900 CONTINENTAL LOOP SE #27 ALBUQUERQUE, NM 87108 SSN OR TAX ID: 525-24-4300	A A TOTAL	0.104167 0.520833 0.625000	ORRI ORRI
21. 1 067988-01	CAROLYN BEAMON TILLEY 5225 PRESTON HAVEN DALLAS, TX 75229 SSN OR TAX ID: 467-86-1054	A A TOTAL	0.025781 0.515625 0.541406	ORRI ORRI
22. 1 075572-01	ROBERT WALTER LUNDELL 1616 S VOSS #870 HOUSTON, TX 77057 SSN OR TAX ID: 465-94-1940	A	0.515625	ORRI
23. 1 078548-01	JAMES ROBERT BEAMON THREE RIVERWAY STE 470 HOUSTON, TX 77056 SSN OR TAX ID: 467-86-1057	A A TOTAL	0.515625 0.025781 0.541406	ORRI ORRI
24. 1 079618-01	RANDALL T JOHNSON TRUSTEE SHERYL A LUNDELL GRANTOR TRUST POST OFFICE BOX 710 KERRVILLE, TX 78029 SSN OR TAX ID: 76-6090168	A	0.515625	ORRI
25. 1 099331-01	SUSAN BEAMON PORTER 319 KNIPP FOREST HOUSTON, TX 77024 SSN OR TAX ID: 467-86-1062	A A TOTAL	0.515625 0.025781 0.541406	ORRI ORRI

26. 1 999021-01

BURLINGTON RESOURCES O&G CO
801 CHERRY ST
FORT WORTH , TX 76102
SSN OR TAX ID: 41-1400579

**** DIVISION ORDER TOTAL ----->

A	42.968750	WI
A	0.343751	WI
B	29.062500	WI
TOTAL	72.375001	
	100.000000	

DATE: 12/10/96

MERIDIAN OIL INC.

DOS722NB

D/O NUM PROD DP NUM WELL NAME/OPERATOR

DIVISION ORDER WITH BEARER CODE

PAGE: 1

80737800 GAS 43937A SANCHEZ A 2

PROPERTY

ST COUNTY

BURLINGTON RESOURCES O&G CO

072014601

NM RIO ARRIBA

BC: NONE

OWNER	OWNER NAME	LR P/S	REASON FOR SUSP	INT TYPE	BPO %
999021-01	BURLINGTON RESOURCES O&G CO	A PAY	NWI		0.343751
		A PAY	NWI		42.968750
		B PAY	NWI		29.062500
			NWI TOTAL ----->		72.375001

BC: 001

BC OWNER	BC %	BC OWNER	BC %	BC OWNER	BC %
999021-01	BURLINGTON RESOURCES	100.000000			

OWNER	OWNER NAME	LR P/S	REASON FOR SUSP	INT TYPE	BPO %
027338-01	MINERALS MANAGEMENT SERVICE	A PAY	RI		1.302083
		B PAY	RI		4.687500
			RI TOTAL ----->		5.989583

001082-01	THOMAS F MCKENNA	B PAY		ORRI	1.125000
002891-01	JOSEPH A SOMMER REVOCABLE TRUS	B PAY		ORRI	0.750000
016825-05	ROBERT BEAMON	A PAY		ORRI	1.417969
017364-02	PATTIE ANN BEAMON LUNDELL	A PAY		ORRI	2.062500
025866-01	AUDURY M BINDEL	A PAY		ORRI	0.017361
025933-01	GRACIE JUNE CONNELL	A PAY		ORRI	0.104166
025950-01	C A SANCHEZ & BERNA R SANCHEZ	B SUS	UNKNOWN ADDRESS	ORRI	1.875000
025961-01	MELVIN WEISEL	A PAY		ORRI	0.104166
026294-01	JO ANN BILLINGSLEY & RONALD E	A PAY		ORRI	0.034722
026609-01	KENNETH W GILCREASE	A PAY		ORRI	0.017361
029897-01	CHARLES GILCREASE	A PAY		ORRI	0.017361
030177-01	LAVA BUTT	A PAY		ORRI	0.104166
033720-01	TOM L HAIL TRUSTEE	A PAY		ORRI	0.515625
066745-01	LUCIAN B JACKSON	A PAY		ORRI	0.017361
067057-01	JAMES ROBERT BEAMON TRUSTEE	A PAY		ORRI	0.025782
067058-01	CATHRYN BEAMON	A PAY		ORRI	0.515625
		A PAY		ORRI	0.025781
067059-01	CLAUDIA MARCIA LUNDELL GILMER	A PAY		ORRI	0.515625
067188-01	LINDA JEANNE LUNDELL LINDSEY	A PAY		ORRI	0.515625
067973-01	VIOLA E HIGGINS	A PAY		ORRI	0.104167
067988-01	CAROLYN BEAMON TILLEY	A PAY		ORRI	0.025781
		A PAY		ORRI	0.515625
075572-01	ROBERT WALTER LUNDELL	A PAY		ORRI	0.515625
078548-01	JAMES ROBERT BEAMON	A PAY		ORRI	0.515625
		A PAY		ORRI	0.025781

DATE: 12/10/96

DOS722NB

PAGE: 2

MERIDIAN OIL INC.

DIVISION ORDER WITH BEARER CODE

D/O NUM PROD DP NUM WELL NAME/OPERATOR

ST COUNTY

PROPERTY

80737800 GAS 43937A SANCHEZ A 2

NM RIO ARriba

072014601

BURLINGTON RESOURCES O&G CO

Y NM4214

OWNER	OWNER NAME	LR	P/S	REASON	FOR	SUSP	INT	TYPE	BPO	%
079618-01	SHERYL A LUNDELL GRANTOR TRUST	A	PAY				ORRI		0.515625	
099331-01	SUSAN BEAMON PORTER	A	PAY				ORRI		0.515625	
		A	PAY				ORRI		0.025781	
				ORRI TOTAL			----->		12.520831	

BC: 002

BC %

BC OWNER

BC %

BC OWNER

BC %

BC %

999021-01 BURLINGTON RESOURCES 100.000000

OWNER	OWNER NAME	LR	P/S	REASON	FOR	SUSP	INT	TYPE	BPO	%
027338-01	MINERALS MANAGEMENT SERVICE	A	PAY				RI		6.510417	
				RI TOTAL			----->		6.510417	
025866-01	AUDURY M BINDEL	A	PAY				ORRI		0.086806	
025933-01	GRACIE JUNE CONNELL	A	PAY				ORRI		0.520834	
025961-01	MELVIN WETSEL	A	PAY				ORRI		0.520834	
026294-01	JO ANN BILLINGSLEY & RONALD E	A	PAY				ORRI		0.173611	
026609-01	KENNETH W GILCREASE	A	PAY				ORRI		0.086805	
029897-01	CHARLES GILCREASE	A	PAY				ORRI		0.086805	
030177-01	LAVA BUTT	A	PAY				ORRI		0.520834	
066745-01	LUCIAN B JACKSON	A	PAY				ORRI		0.086806	
067973-01	VIOLA E HIGGINS	A	PAY				ORRI		0.520833	
				ORRI TOTAL			----->		2.604168	

Mesa Verde

Page No.: 1

Print Time: Thu Feb 13 09:11:16 1997

Property ID: 8489

Property Name: VAUGHN | 31E | 54437B-1

Table Name: K:\ARIES\RR97PDP\TEST.DBF

Sanchez A#Z offset

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

01/09/86	0	2334.0	← original
03/31/86	15853	1812.0	
10/08/87	97458	812.0	
06/01/88	117881	985.0	
04/09/90	165469	897.0	
10/17/94	48039	850.0	← current

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.719
COND. OR MISC. (C/M)	C
%N2	0.39
%CO2	0.85
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5557
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	850
BOTTOMHOLE PRESSURE (PSIA)	993.1

VAUGHN #31E - MESAVERDE - CURRENT

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.719
COND. OR MISC. (C/M)	C
%N2	0.39
%CO2	0.85
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5557
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2334
BOTTOMHOLE PRESSURE (PSIA)	2784.9

VAUGHN #31E - MESAVERDE - ORIGINAL

Page No.: 1
Print Time: Thu Feb 13 14:05:01 1997
Property ID: 61
Property Name: KLEIN | 24 | 54440B-1
Table Name: C:\ARIES\C139\TEST.DBF

--DATE--	---	CUM	GAS--	M	SIWHP
■■■■■■■■■■	■■■■■■■■■■	Mc	■■■■■■■■■■	■■■■	Psi■■■■

08/12/96		0		960.0	
----------	--	---	--	-------	--

Gallup Closest offset

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**
VERSION 1.0 3/13/94

GAS GRAVITY	0.704
COND. OR MISC. (C/M)	C
%N2	1
%CO2	0.28
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7112
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	960
BOTTOMHOLE PRESSURE (PSIA)	1155.6

KLEIN #24 - GALLUP - CURRENT

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.704
COND. OR MISC. (C/M)	C
%N2	1
%CO2	0.28
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7112
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	960
BOTTOMHOLE PRESSURE (PSIA)	1155.6

KLEIN #24 - GALLUP - ORIGINAL

Page No.: 1
Print Time: Thu Feb 13 09:51:03 1997
Property ID: 528
Property Name: SANCHEZ A | 2 | 43937A-1
Table Name: K:\ARIES\F96ACCT\TEST.DBF

Dakota

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

10/23/79	0	2413.0	←original
03/03/80	33836	1577.0	
06/09/80	77192	1096.0	
06/09/81	168246	893.0	
10/17/83	314076	705.0	
08/09/85	424161	588.0	
06/10/88	530197	572.0	
07/25/90	599208	612.0	
09/20/92	643214	537.0	
05/02/94	691859	440.0	←Current

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.696
COND. OR MISC. (C/M)	C
%N2	0.64
%CO2	1.01
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7236
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	440
BOTTOMHOLE PRESSURE (PSIA)	522.5

SAN CHEZ A COM #2 DAKOTA - CURRENT

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.696
COND. OR MISC. (C/M)	C
%N2	0.64
%CO2	1.01
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7236
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2413
BOTTOMHOLE PRESSURE (PSIA)	2950.8

SAN CHEZ A COM #2 DAKOTA - ORIGINAL

FDG055M4 GF16
START OF DATA
DP NO: 43937A
SANCHEZ A
S

WELL PRODUCTION 8/8'S VOLUME

02/13/97 12:34:53

DATE: 970211 (YYMMDD FORMAT)

2 SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-		
L	PRODUCED	ON	(BOPD	(MCFD	(BWPD		
			BOPM)	MCFM)	BWPM)		
-	02/11/97	0.0	0.00	0	0	0.00	0.00
-	02/10/97	0.0	0.00	0	0	0.00	0.00
-	02/09/97	0.0	0.00	0	0	0.00	0.00
-	02/08/97	0.0	0.00	0	0	0.00	0.00
-	02/07/97	0.0	0.00	0	0	0.00	0.00
-	02/06/97	0.0	0.00	0	0	0.00	0.00
-	02/05/97	0.0	0.00	0	0	0.00	0.00
-	02/04/97	0.0	0.00	0	0	0.00	0.00
-	02/03/97	0.0	0.00	0	0	0.00	0.00
-	02/02/97	0.0	0.00	0	0	0.00	0.00
-	02/01/97	0.0	0.00	0	0	0.00	0.00

ENTER I UNDER SEL FOR MAINTENANCE

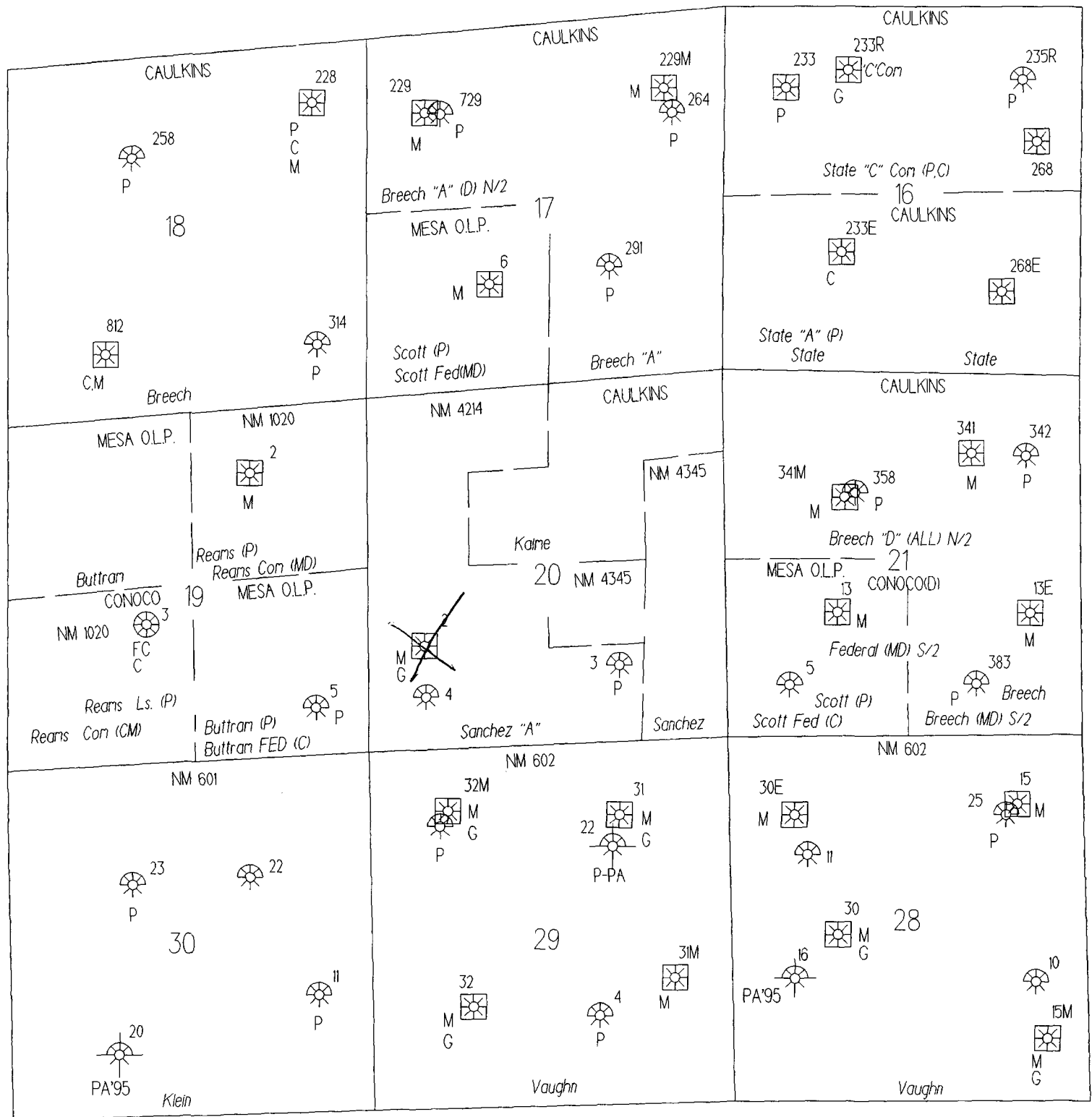
PF12=MAIN MENU
B MY JOB

PF6=NRI
ENTER=BACKWARDS

PF10=BROWSE MENU
LU #18

PF11=INQ/UPDATE MENU
PF24=HELP

SANCHEZ A #2
T-26-N, R-06-W, SECTION 20
MESAVERDE, GALLUP, DAKOTA



T
26
N

R-06-W



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 19, 1997

Burlington Resources Oil & Gas Company
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Ms. Peggy Bradfield

Re: Sanchez "A" Well No. 2

Dear Peggy:

I received your "revised application" for downhole commingling of Dakota, Gallup and Mesaverde production within the Sanchez "A" Well No. 2. Please be advised that your proposed allocation percentages do not appear to accurately reflect the expected rates of production from the Mesaverde and Gallup formations. I am therefore setting the application to hearing before a Division examiner. At the hearing, Burlington should be prepared to present evidence and testimony with regards to the procedures used to test the individual zones prior to commingling and other data which otherwise supports its proposed production allocation.

If you have any questions, please contact me at (505) 827-8184.

Sincerely,

A handwritten signature in cursive script, reading "David Catanach".

David Catanach
Engineer

xc: OCD-Aztec