DATE IN 10/17/01	SUSPENSE N/R	ENGINEER RE	LOGGED IN KV	TYPE DHC	APP NO. 1290403S4

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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 - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [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

[D] Other: Specify _____

01 OCT 17 AM 10:21 OIL CONSERVATION DIV.

[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] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

PEGGY COLE	Peggy Cole	Reg. Supv.	10-15-01
Print or Type Name	Signature	Title	Date

pcole@br-inc.com
e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 South First Street, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised May 15, 2000

APPLICATION TYPE
_X_ Single Well
___ Establish Pre-Approved Pools
EXISTING WELLBORE
__X_ Yes ___ No

BURLINGTON RESOURCES OIL & GAS COMPANY — PO BOX 4289, FARMINGTON, NM 87499
Operator — Address

FILAN — 6 — G-05-27N-08W — SAN JUAN
Lease — Well No. — Unit Letter-Section-Township-Range — County

OGRID No. 14538 Property Code 7018 API No. 30-045-20355 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION	6628'-6790'
Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	553 PSI – CURRENT 783 PSI – ORIGINAL (see attachment)	505 PSI – CURRENT 1230 PSI – ORIGINAL (see attachment)	778 PSI – CURRENT 2060 PSI – ORIGINAL (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1059	1347	1193
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	SHUT IN
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: New Zone Rates: (see attached)	Date: New Zone Rates: (see attached)	Date: 7/31/01 Rates: 54 mcfd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil % Gas % WILL BE SUPPLIED UPON COMPLETION	Oil % Gas % WILL BE SUPPLIED UPON COMPLETION	Oil % Gas % WILL BE SUPPLIED UPON COMPLETION

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes_____No__X_____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes__X___No_____

Are all produced fluids from all commingled zones compatible with each other? Yes___X___ No_____

Will commingling decrease the value of production? Yes_____ No___X__

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes__X____ No_____

NMOCD Reference Case No. applicable to this well: _____

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 working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Sean E. Corrigan TITLE Production Engineer DATE 10/15/01

TYPE OR PRINT NAME Sean E. Corrigan TELEPHONE NO. (505) 326-9700

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Box DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-20355	82329/72319/71599	Otero Chacra/Blanco Mesaverde/Basin Dakota

[4] Property Code	[5] Property Name	[6] Well Number
7018	Filan	6

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	Burlington Resources Oil & Gas Company, LP	6038' GR

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	5	27N	8W		1850'	North	1650'	East	SJ

[11] Bottom Hole Location If Different From Surface

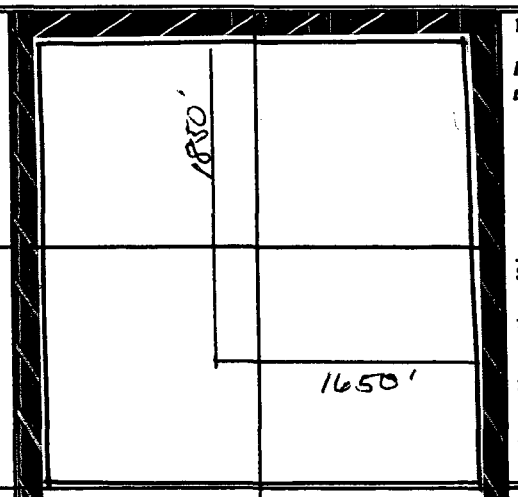
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
MV-E/321.55 DK-E/321.55	Cha - 161.55		

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

Original plat from
David O. Vilven 10-11-68



[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 Cole
Printed Name

Regulatory Supervisor
Title

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.

Date of Survey

Signature and Seal of Professional Surveyer:

Certificate Number

Filan #6

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

Mesaverde

MV-Current

GAS GRAVITY	0.781
COND. OR MISC. (C/M)	C
%N2	0.36
%CO2	0.54
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4583
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	442
BOTTOMHOLE PRESSURE (PSIA)	504.6

MV-Original

GAS GRAVITY	0.781
COND. OR MISC. (C/M)	C
%N2	0.36
%CO2	0.54
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4583
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1056
BOTTOMHOLE PRESSURE (PSIA)	1230.2

Dakota

DK-Current

GAS GRAVITY	0.692
COND. OR MISC. (C/M)	C
%N2	0.42
%CO2	1.15
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	6598
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	662
BOTTOMHOLE PRESSURE (PSIA)	777.8

DK-Original

GAS GRAVITY	0.692
COND. OR MISC. (C/M)	C
%N2	0.42
%CO2	1.15
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	6598
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1718
BOTTOMHOLE PRESSURE (PSIA)	2059.5

Grenier B #4E

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

Chacra

CH-Current

GAS GRAVITY	0.718
COND. OR MISC. (C/M)	C
%N2	1.199
%CO2	0.39
%H2S	0
DIAMETER (IN)	1.25
DEPTH (FT)	3877
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	499
BOTTOMHOLE PRESSURE (PSIA)	552.9

CH-Original

GAS GRAVITY	0.718
COND. OR MISC. (C/M)	C
%N2	1.199
%CO2	0.39
%H2S	0
DIAMETER (IN)	1.25
DEPTH (FT)	3877
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	704
BOTTOMHOLE PRESSURE (PSIA)	783.2

Filan #6

Existing Dakota Well

WellName	Date	Well Head Pressure
Filan 6	12/2/1968	1,718
Filan 6	6/2/1970	905
Filan 6	5/28/1971	924
Filan 6	7/17/1972	873
Filan 6	8/11/1975	901
Filan 6	6/13/1977	796
Filan 6	10/7/1990	838
Filan 6	9/22/1992	662

Filan #6

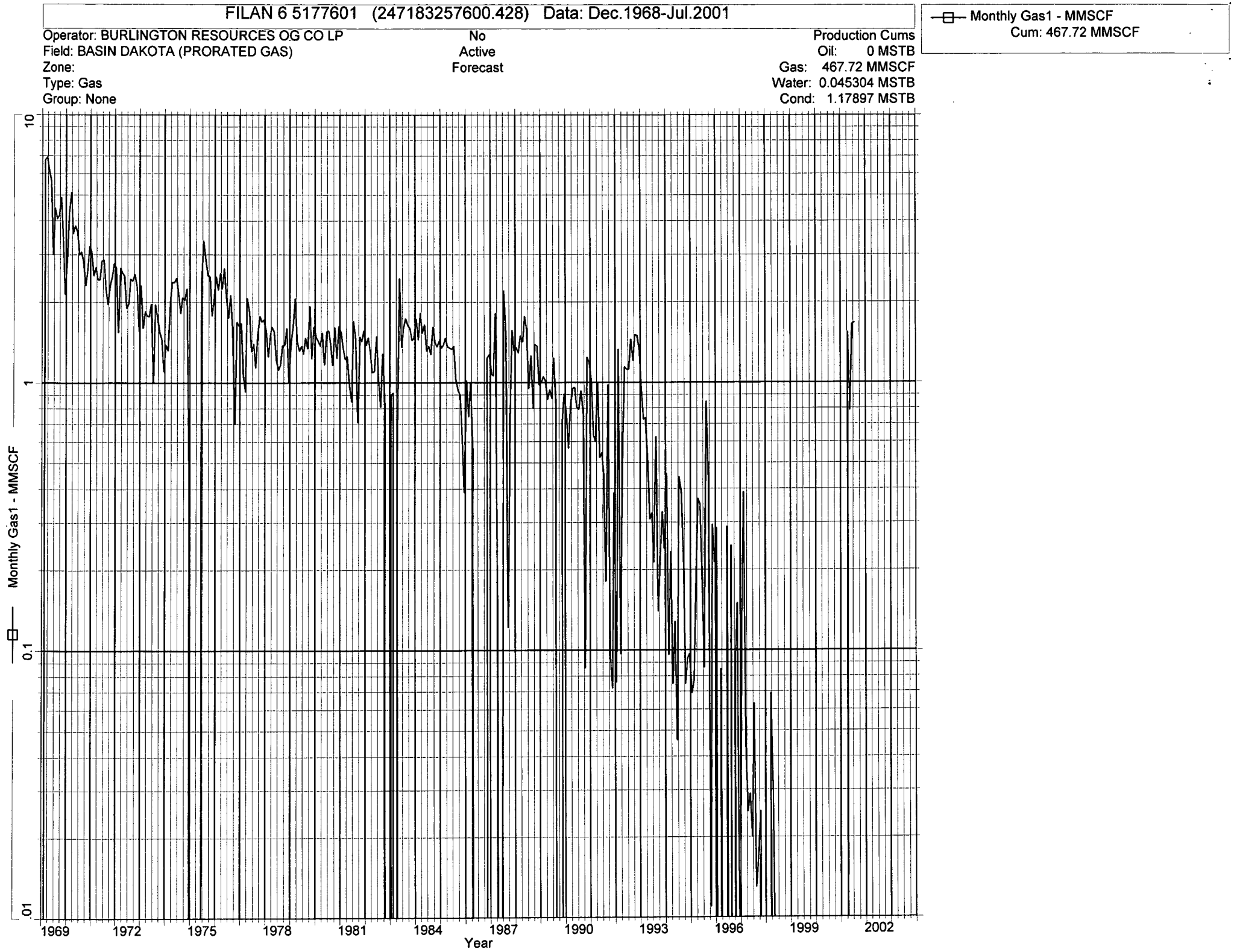
Offset Mesaverde Well

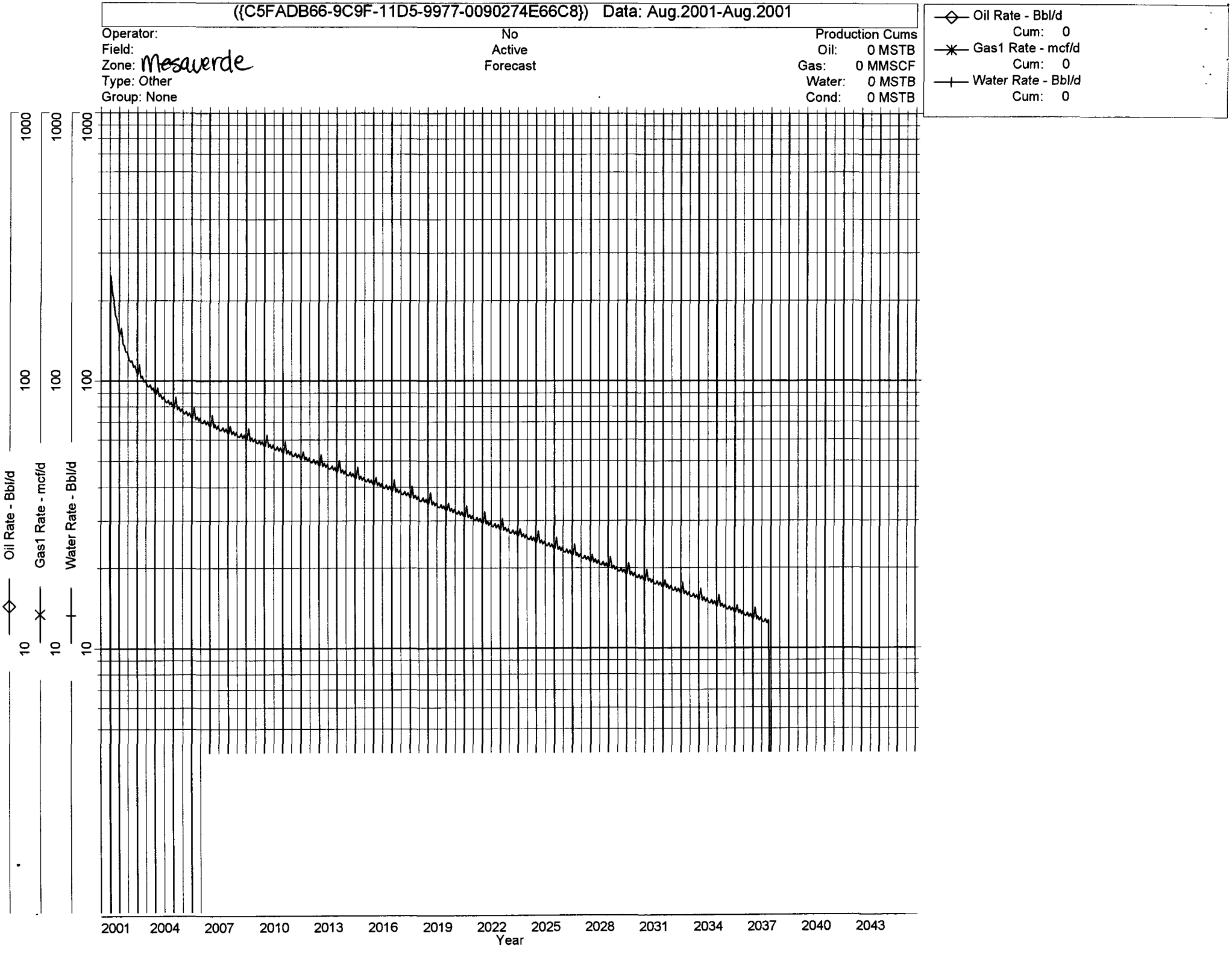
WellName	Date	Well Head Pressure
Filan 4	4/20/1961	1,056
Filan 4	1/4/1971	486
Filan 4	12/11/1973	394
Filan 4	5/17/1976	529
Filan 4	5/1/1980	433
Filan 4	6/18/1984	519
Filan 4	9/29/1989	442

Filan #6

Offset Chacra Well

WellName	Date	Well Head Pressure
Largo Federal 3	1/17/1973	882
Largo Federal 3	4/23/1975	401


FILAN 6 5177601 (247183257600.428) Data: Dec.1968-Jul.2001
Operator: BURLINGTON RESOURCES OG CO LP
Field: BASIN DAKOTA (PRORATED GAS)
Zone:
Type: Gas
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 467.72 MMSCF
Water: 0.045304 MSTB
Cond: 1.17897 MSTB
Monthly Gas1 - MMSCF
Cum: 467.72 MMSCF
Monthly Gas1 - MMSCF
10
1
0.1
.01
1969
1972
1975
1978
1981
1984
1987
1990
1993
1996
1999
2002
Year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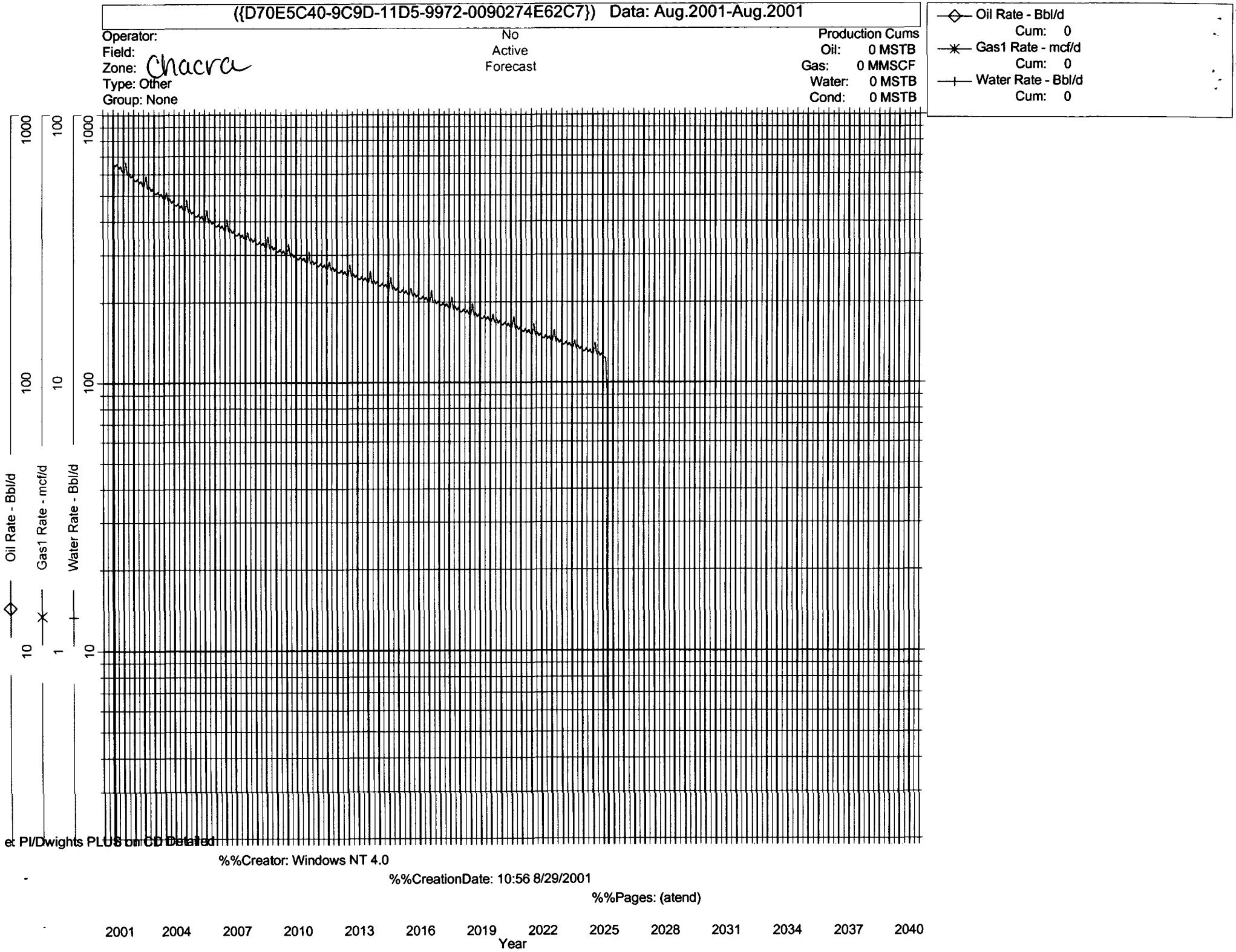
Operator:
Field:
Zone: Mesaverde
Type: Other
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 0 MMSCF
Water: 0 MSTB
Cond: 0 MSTB
Oil Rate - Bbl/d
Cum: 0
Gas1 Rate - mcf/d
Cum: 0
Water Rate - Bbl/d
Cum: 0
1000
100
10
Oil Rate - Bbl/d
Gas1 Rate - mcf/d
Water Rate - Bbl/d
2001
2004
2007
2010
2013
2016
2019
2022
2025
2028
2031
2034
2037
2040
2043
Year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Operator:
Field:
Zone: Chacra
Type: Other
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 0 MMSCF
Water: 0 MSTB
Cond: 0 MSTB
Oil Rate - Bbl/d
Cum: 0
Gas1 Rate - mcf/d
Cum: 0
Water Rate - Bbl/d
Cum: 0
1000
100
10
1
Oil Rate - Bbl/d
Gas1 Rate - mcf/d
Water Rate - Bbl/d
e: PI/Dwights PLUS on CD Detailed
%%Creator: Windows NT 4.0
%%CreationDate: 10:56 8/29/2001
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2001
2004
2007
2010
2013
2016
2019
2022
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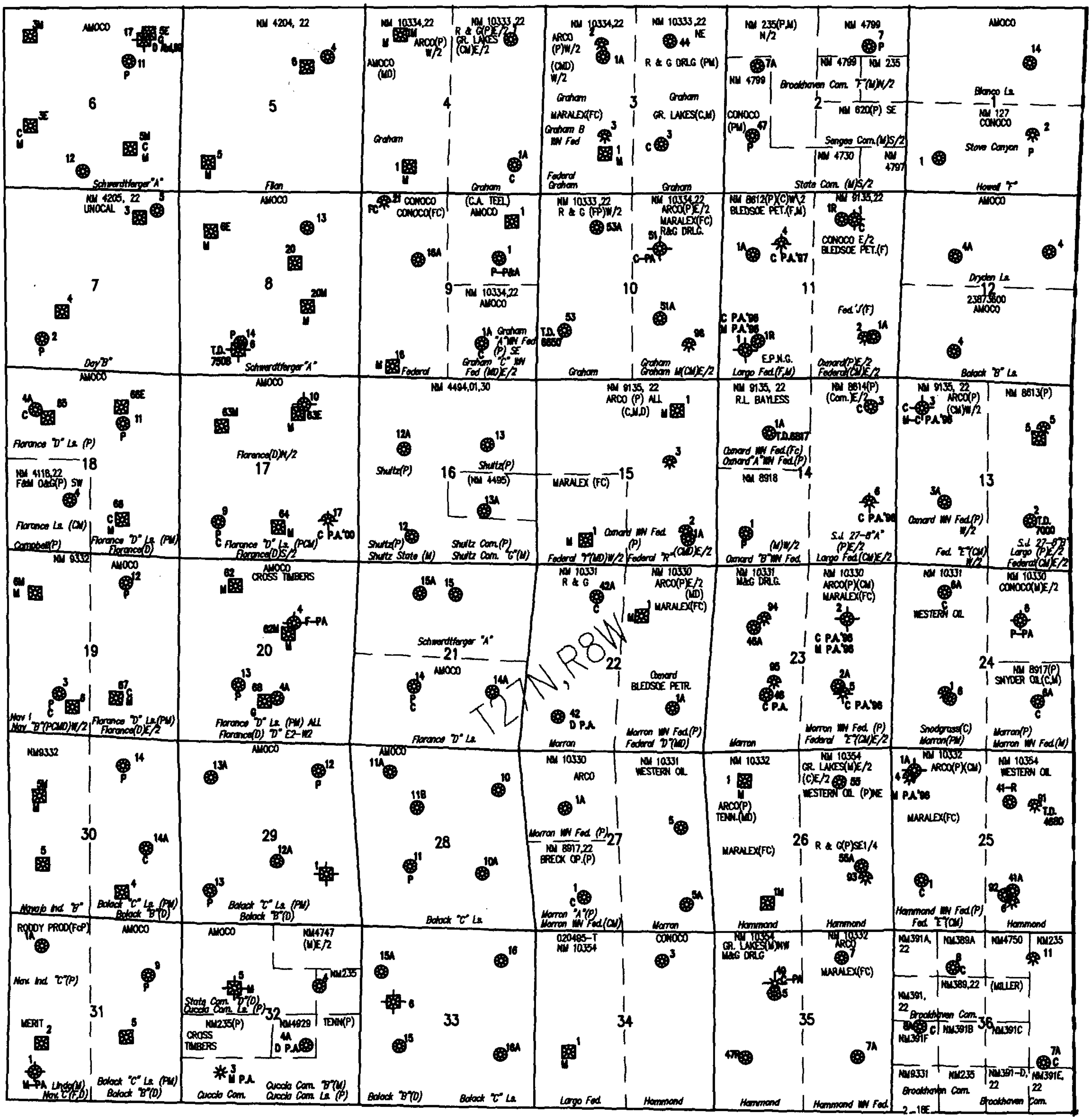
2034
2037
2040
Year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AMOCO
NM 4204, 22
NM 10334,22
NM 10333,22
NM 235(P,M) N/2
NM 4799
Schwerdtfeger "A"
Flan
Graham
Federal Graham
Howell "F"
Blanco Ls.
NM 127 CONOCO
Stove Canyon
Brookhaven Com. "F"(M)N/2
Sanges Com.(M)S/2
State Com. (M)S/2
GR. LAKES(C,M)
R & G DRLG (PM)
MARALEX(FC)
NM 4205, 22 UNOCAL
CONOCO(FC)
BLEDSOE PET.(F,M)
CONOCO E/2 BLEDSOE PET.(F)
Dryden Ls.
Day "B"
Largo Fed.(F,M)
Balack "B" Ls.
E.P.N.G.
Florance "D" Ls. (P)
Florence(D)N/2
NM 4494,01,30
Shultz(P)
MARALEX (FC)
R.L. BAYLESS
Oxnard WN Fed.(Fc)
Oxnard "A" WN Fed.(P)
NM 8918
Florance Ls. (CM)
Campbell(P)
Shultz State (M)
Shultz Com.(P)
NM 9332
CROSS TIMBERS
R & G
ARCO(P)E/2
MARALEX(FC)
WESTERN OIL
CONOCO(M)E/2
SNYDER OIL(C,M)
Schwerdtfeger "A"
Oxnard BLEDSOE PETR.
Florance "D" Ls.
Morron
Snodgrass(C)
Morron(PM)
Morron WN Fed.(M)
NM9332
NM 10330
ARCO
NM 10331 WESTERN OIL
NM 10332
MARALEX(FC)
R & G(P)SE1/4
NM 10354 WESTERN OIL
Hammond
Balack "C" Ls.
Balack "B"(D)
RODDY PROD(FoP)
Nav. Ind. "C"(P)
MERIT
CROSS TIMBERS
Cuccia Com.
NM4747 (M)E/2
020495-T NM 10354
CONOCO
Largo Fed.
Hammond WN Fed.
Brookhaven Com.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

INTEREST OWNERS

FILAN 6 Well

ARNE L FILAN

BUREAU OF LAND MANAGEMENT

CAL FARLEYS BOYS RANCH

CAROLYN BEAMON TILLEY

CAROLYN W STACK

CATHRYN BEAMON

CHASE BNK TX NA/MARION R ALEXANDER

CLAUDIA MARCIA LUNDELL GILMER

E K DUMAS & G P MORGAN COEXEC

EVERETT R JONES JR TRUSTEE JONES FAMILY TRUST

GROVER FAMILY LP

HAROLD D CARTER TRUSTEE CARTER FAMILY TRUST

HARRY B BOTTS

JAMES ROBERT BEAMON

LAURA LEE MATLOCK

LINDA JEANNE LUNDELL LINDSEY

LOUIS A MAZZA

MARY G CHAPPLE

MARY M PEARSON

MEREDITH INGRAM GARTNER TRUSTEE MARY DOLL INGRAM MANAGEMENT TRUST

ROBERT A COOKSEY TRUSTEE COOKSEY FAMILY TRUST

ROBERT BEAMON

ROBERT E BEAMON III

ROBERT WALTER LUNDELL

SA SAN PUTNAM

SHARON BEAMON BURNS

SUSAN BEAMON PORTER

FILAN 6 Well

THE MEMORIAL ENDOWMENT

VIRGINIA ANN COOGAN

W D KENNEDY PROPERTIES LTD