

DATE IN 1/14/09	SUSPENSE	ENGINEER W. Jones	LOGGED IN 1/14/09	TYPE DHC	APP NO. PKAA 0901447.264
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RECEIVED

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

2009 JAN 14 PM 12 07 Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



30045-20717
Grenier A #4

Burlington Resources
14538

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 _____

- [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.

Rhonda Rogers
Print or Type Name

Signature

Regulatory Technician
Title

1/13/09
Date

rogerrs@conocophillips.com
e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

DAC-4141

Burlington Resources Oil & Gas Company LP P.O.Box 4289 Farmington, NM 87499
Operator Address

Grenier A 6 Unit A, Sec. 34, 030N, 010W SAN JUAN
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 18531 API No. 30045207170000 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	UNDES AZTEC FRUITLAND SAND	BASIN FRUITLAND COAL	AZTEC PICTURED CLIFFS
Pool Code	71200	71629	71280
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2150'-2350' Estimated	2370'-2512' Estimated	2522'-2540'
Method of Production (Flowing or Artificial Lift)	New Zone	New Zone	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)	N/A - 150% Rule	N/A - 150% Rule	N/A - 150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	New Zone	New Zone	PRODUCING
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: Aug 2008 Rates: 823 MCF
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 ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

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 ☒ 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 Ryan Frost TITLE Engineer DATE 11/12/09

TYPE OR PRINT NAME Ryan Frost, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Ryan.M.Frost@conocophillips.com

Grenier A #6

Unit A, Section 34, T30N, R10W

The Grenier A #6 is a Basin Fruitland Coal, Aztec Fruitland Sand and Aztec Pictured Cliffs recomple. A cased hole neutron log will be run prior to completion to identify the Basin Fruitland Coal, Aztec Fruitland Sand and Aztec Pictured Cliffs zones. If the Basin Fruitland Coal, Aztec Fruitland Sand and Aztec Pictured Cliffs horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Basin Fruitland Coal, Aztec Fruitland Sand and Aztec Pictured Cliffs can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Basin Fruitland Coal, Aztec Fruitland Sand and Aztec Pictured Cliffs. All documentation will be submitted to the Aztec NMOCD office.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 87161

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-20717	2. Pool Code 71200	3. Pool Name AZTEC FRUITLAND SAND (GAS)
4. Property Code 18531	5. Property Name GRENIER A	6. Well No. 006
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 6005

10. Surface Location

UL - Lot A	Section 34	Township 30N	Range 10W	Lot Idn	Feet From 990	N/S Line N	Feet From 990	E/W Line E	County SAN JUAN
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 158.34		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

	OPERATOR CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
	E-Signed By: <i>Tamara L. Lujan</i> Title: Staff Regulatory Technician Date: 12/15/2008	
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Fred B. Kerr Jr. Date of Survey: 11/6/1970 Certificate Number: 3950	

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1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division**1220 S. St Francis Dr.****Santa Fe, NM 87505**

Form C-102
Permit 87161

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-20717	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 18531	5. Property Name GRENIER A	6. Well No. 006
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 6005

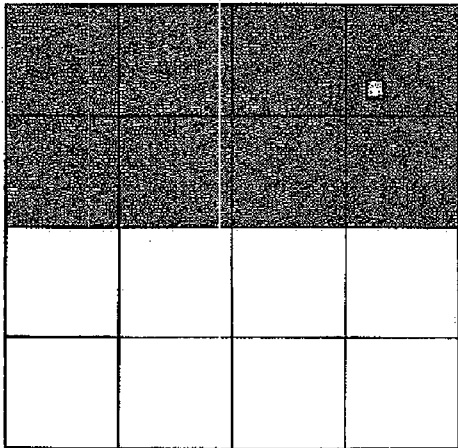
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	34	30N	10W		990	N	990	E	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 318.34		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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: <u>Tamara Desoria</u> Title: Staff REGULATORY Technician Date: 12/15/2008
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Fred B. Kerr Jr. Date of Survey: 11/6/1970 Certificate Number: 3950

**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.

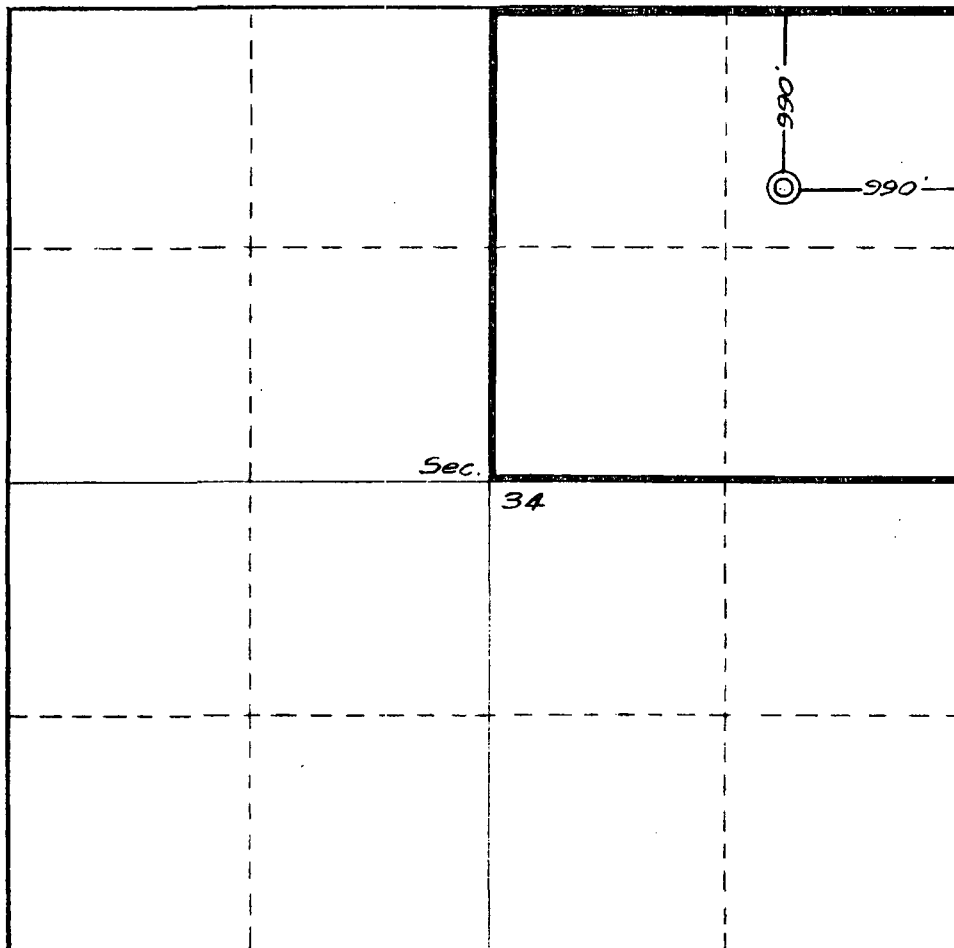
Operator Aztec Oil & Gas Company			Lease Grenier "A"		Well No. #6
Unit Letter A	Section 34	Township 30N	Range 10W	County San Juan	
Actual Footage Location of Well: 990 feet from the North line and 990 feet from the East line					
Ground Level Elev. 6085	Producing Formation Pictured Cliffs	Pool Aztec		Dedicated Acreage: 158.34 - 160 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?

☐ 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 JOE C. SALMON

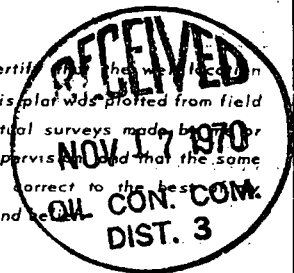
Name
Joe C. Salmon

Position
District Superintendent

Company
Aztec Oil & Gas Company

Date
November 12, 1970

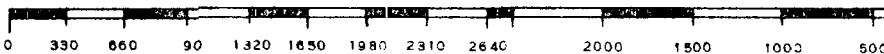
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
November 5, 1970

Registered Professional Engineer
and Land Surveyor
[Signature]
Paul J. Ferrante

Signature
[Signature]



Roland, Kandis R

From: Pippin, Eddie A
Sent: Friday, January 09, 2009 9:12 AM
To: Roland, Kandis R
Subject: RE: Grenier A 6

Lets go with FC perfs from 2512' to 2370' and FS from 2350 to 2150'.

From: Roland, Kandis R
Sent: Friday, January 09, 2009 7:27 AM
To: Pippin, Eddie A
Subject: FW: Grenier A 6

Eddie,

Will you please send me the estimated perf's for this project?

Thanks!
Kandis

From: Rogers, Rhonda S
Sent: Friday, January 09, 2009 7:26 AM
To: Roland, Kandis R
Subject: FW: Grenier A 6

Kandis I need a C-107A on the FC (71629) FS (71200) being added to the Aztec PC (71280)
Sec 34 T30N R10W Unit A. API # 30-045-20717 The interest is common on this well. Thank you

Rhonda Rogers

Regulatory Technician
ConocoPhillips - SJBU
phone (505) 599-4018
Fax #918-662-6404
e-mail rogerrs@conocophillips.com

GRENIER A 6 FS RC Data: Jan.2009-Jan.2009

Operator:

Field:

Zone:

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: 0.00

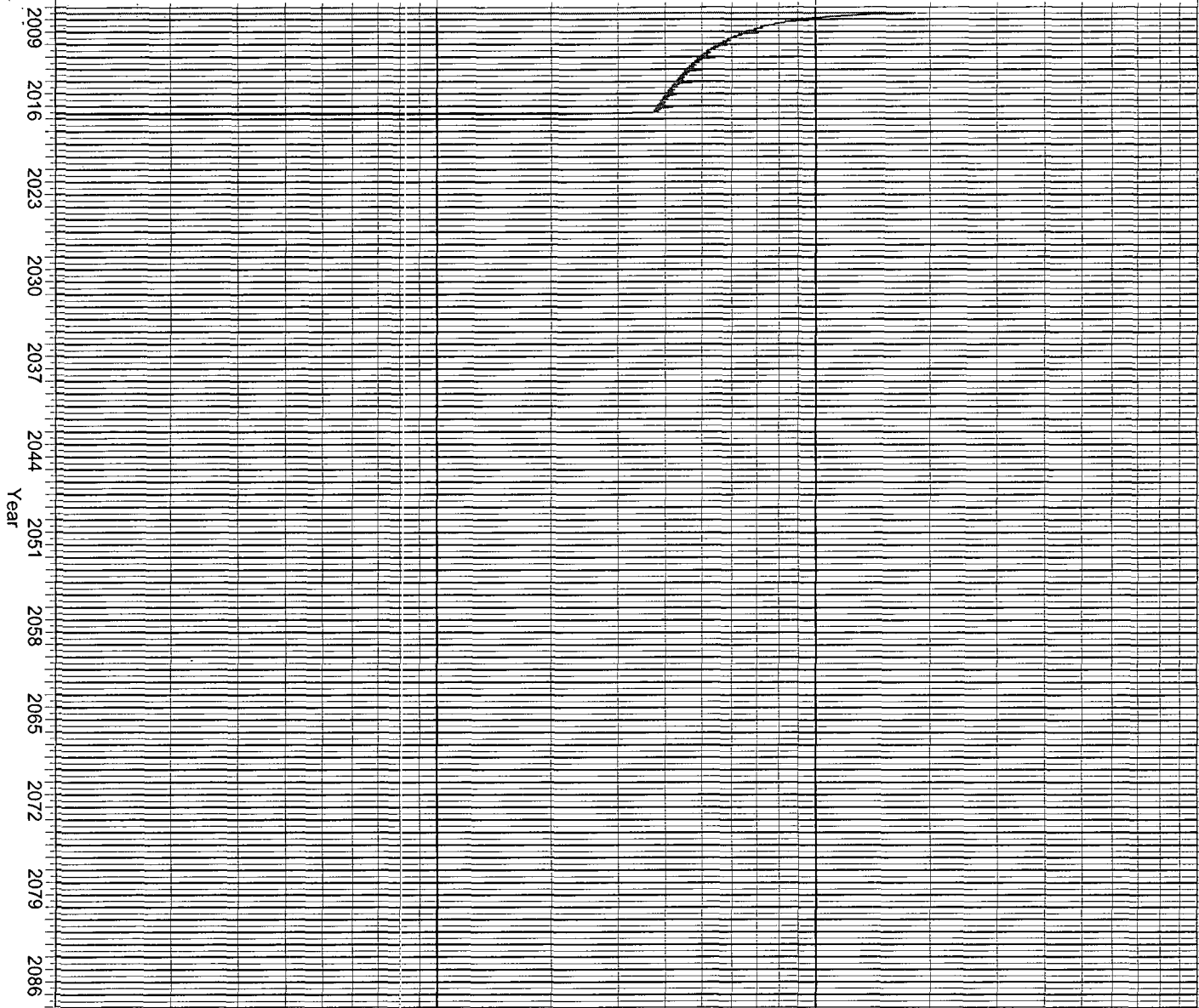
Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00

Oil Rate - Bbl/d 100 1000
Gas1 Rate - mcf/d 10 100
Water Rate - Bbl/d 10 1000



Year

GRENIER A 6 FC RC Date: Jan.2009-Jan.2009

Operator:

Field:

Zone:

Type: Other

Group: None

No
Active
Forecast

Production Cums

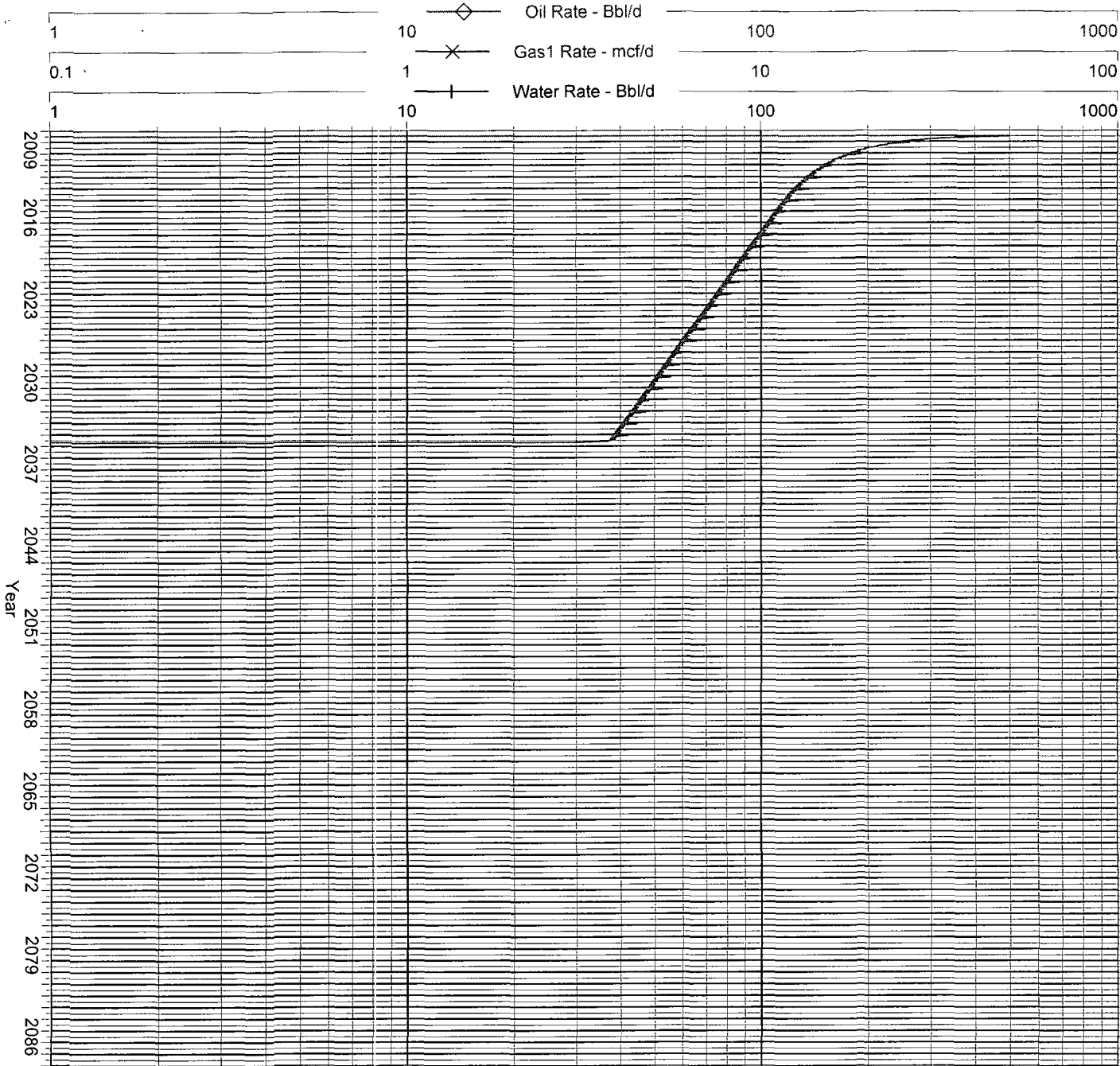
Oil: 0 MSTB

Gas: 0 MMSCF

Water: 0 MSTB

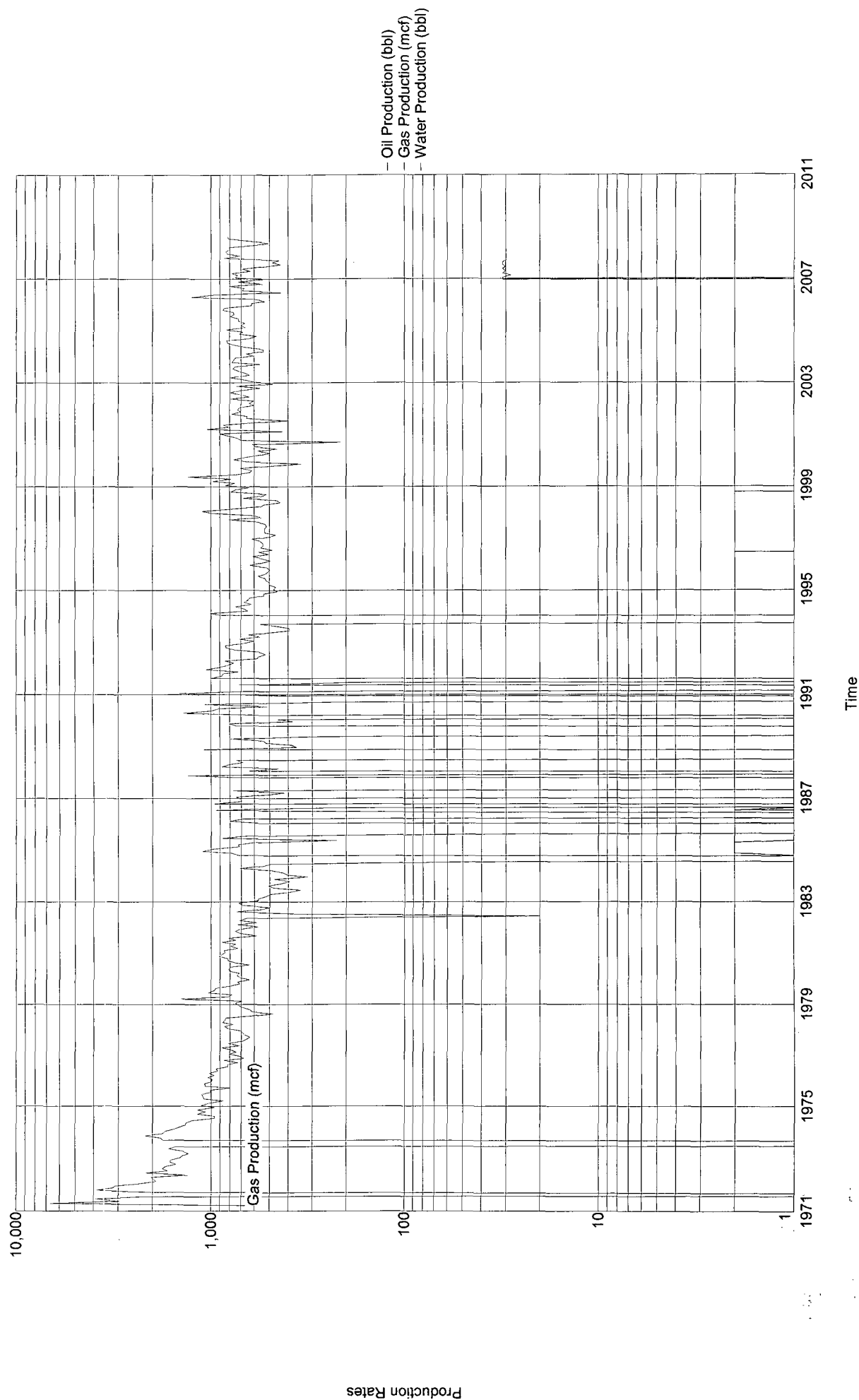
Cond: 0 MSTB

Oil Rate - Bbl/d
Cum: 0.00
Gas 1 Rate - mcf/d
Cum: 0.00
Water Rate - Bbl/d
Cum: 0.00



Lease Name: GRENIER A
County, State: SAN JUAN, NM
Operator: BURLINGTON RESOURCES O&G CO LP
Field: AZTEC
Reservoir: PICTURED CLIFFS
Location: 34 30N 10W SW NE NE

GRENIER A - AZTEC



SAN JUAN NM
GRENIER A 6BURLINGTON RESOURCES O&G CO LP
ACTIVE**Detailed Production Report**

Lease Name:	GRENIER A	Well Number:	6
Lease Number:	018531	Cum Oil:	
Operator Name:	BURLINGTON RESOURCES O&G	Cum Gas:	337,736
State:	NEW MEXICO	Cum Water:	399 since JAN 1980
County:	SAN JUAN	First Production Date:	MAR 1971
Field:	AZTEC	Last Production Date:	AUG 2008
Sec Twn Rng:	34 30N 10W	Spot:	SW NE NE
Latitude/Longitude:	36.77318 -107.86583	Lat/Long Source:	TS
Regulatory #:		Completion Date:	DEC 23, 1970
API:	30045207170000	Total Depth:	2620
Production ID:	2300430452071771280	Upper Perforation:	2522
Reservoir Name:	PICTURED CLIFFS	Lower Perforation:	2540
Prod Zone:	PICTURED CLIFFS	Gas Gravity:	0.66
Prod Zone Code:	604PCCF	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	1.7
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production		(38 years)	
Year	Oil BBLS	Gas MCF	Water BBLS

Beginning

Cum:

1971	28,636	
1972	21,717	
1973	16,268	
1974	15,004	
1975	12,300	
1976	10,487	
1977	8,802	
1978	8,755	
1979	10,268	
1980	9,395	12
1981	9,158	1
1982	6,817	
1983	5,509	
1984	5,700	5
1985	4,783	10
1986	5,787	9
1987	4,546	
1988	5,640	
1989	4,451	
1990	6,588	
1991	7,600	

1992	3,690	
1993	4,807	
1994	3,064	
1995	6,232	
1996	6,564	14
1997	7,141	24
1998	7,789	20
1999	8,852	
2000	7,217	
2001	8,570	
2002	7,976	
2003	8,492	
2004	8,017	
2005	9,001	
2006	8,413	31
2007	7,872	273
2008	5,828	
Totals:		
	337,736	399

Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on
MAR 1971		666				1	
APR 1971		6,674				1	
MAY 1971		2,937				1	
JUN 1971		3,899				1	
JUL 1971		2,260				1	
AUG 1971		0				0	
SEP 1971		1,985				1	
OCT 1971		3,868				1	
NOV 1971		3,230				1	
DEC 1971		3,117				1	
Totals:							
1971		28,636					
JAN 1972		2,367				1	
FEB 1972		1,924				1	
MAR 1972		1,985				1	
APR 1972		2,037				1	
MAY 1972		1,319				1	
JUN 1972		2,163				1	
JUL 1972		1,675				1	
AUG 1972		1,782				1	
SEP 1972		1,713				1	
OCT 1972		1,513				1	
NOV 1972		1,625				1	
DEC 1972		1,614				1	
Totals:							
1972		21,717					
JAN 1973		1,442				1	

FEB 1973	1,399	1
MAR 1973	1,308	1
APR 1973	1,402	1
MAY 1973	1,651	1
JUN 1973	1,523	1
JUL 1973	0	0
AUG 1973	0	0
SEP 1973	1,771	1
OCT 1973	1,821	1
NOV 1973	2,180	1
DEC 1973	1,771	1

Totals:

1973	16,268	
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JAN 1974	1,722	1
FEB 1974	1,560	1
MAR 1974	1,451	1
APR 1974	1,354	1
MAY 1974	1,346	1
JUN 1974	1,259	1
JUL 1974	962	1
AUG 1974	963	1
SEP 1974	1,180	1
OCT 1974	1,068	1
NOV 1974	1,179	1
DEC 1974	960	1

Totals:

1974	15,004	
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JAN 1975	1,127	1
FEB 1975	1,027	1
MAR 1975	868	1
APR 1975	1,088	1
MAY 1975	1,102	1
JUN 1975	1,119	1
JUL 1975	1,012	1
AUG 1975	1,005	1
SEP 1975	800	1
OCT 1975	1,072	1
NOV 1975	1,081	1
DEC 1975	999	1

Totals:

1975	12,300	
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JAN 1976	986	1
FEB 1976	1,038	1
MAR 1976	965	1
APR 1976	1,018	1
MAY 1976	924	1
JUN 1976	943	1
JUL 1976	820	1
AUG 1976	820	1
SEP 1976	730	1
OCT 1976	855	1
NOV 1976	678	1
DEC 1976	710	1

Totals:

1976	10,487		
JAN 1977	805	1	
FEB 1977	740	1	
MAR 1977	795	1	
APR 1977	884	1	
MAY 1977	715	1	
JUN 1977	817	1	
JUL 1977	692	1	
AUG 1977	658	1	
SEP 1977	632	1	
OCT 1977	669	1	
NOV 1977	688	1	
DEC 1977	707	1	
Totals:			
1977	8,802		
JAN 1978	814	1	
FEB 1978	854	1	
MAR 1978	771	1	
APR 1978	874	1	
MAY 1978	849	1	
JUN 1978	841	1	
JUL 1978	622	1	
AUG 1978	476	1	
SEP 1978	612	1	
OCT 1978	632	1	
NOV 1978	691	1	
DEC 1978	719	1	
Totals:			
1978	8,755		
JAN 1979	748	1	
FEB 1979	693	1	
MAR 1979	1,425	1	
APR 1979	811	1	
MAY 1979	781	1	
JUN 1979	1,032	1	
JUL 1979	958	1	
AUG 1979	947	1	
SEP 1979	801	1	
OCT 1979	712	1	
NOV 1979	729	1	
DEC 1979	631	1	
Totals:			
1979	10,268		
JAN 1980	714	1	31
FEB 1980	737	1	29
MAR 1980	718	1	31
APR 1980	803	1	29
MAY 1980	811	1	31
JUN 1980	801	1	30
JUL 1980	635	1	31
AUG 1980	749	1	31
SEP 1980	818	1	30
OCT 1980	823	1	29

NOV 1980	907	1	1	30
DEC 1980	879	1	1	31
Totals:				
1980	9,395	12		
JAN 1981	849	1	1	31
FEB 1981	857	0	1	28
MAR 1981	729	0	1	31
APR 1981	792	0	1	30
MAY 1981	746	0	1	31
JUN 1981	881	0	1	30
JUL 1981	746	0	1	31
AUG 1981	813	0	1	31
SEP 1981	580	0	1	24
OCT 1981	705	0	1	31
NOV 1981	753	0	1	30
DEC 1981	707	0	1	31
Totals:				
1981	9,158	1		
JAN 1982	572		1	31
FEB 1982	730		1	28
MAR 1982	579		1	31
APR 1982	711		1	30
MAY 1982	652		1	31
JUN 1982	20		1	1
JUL 1982	351		1	10
AUG 1982	738		1	31
SEP 1982	557		1	30
OCT 1982	498		1	31
NOV 1982	686		1	30
DEC 1982	723		1	31
Totals:				
1982	6,817			
JAN 1983	575		1	31
FEB 1983	573		1	27
MAR 1983	526		1	31
APR 1983	495		1	30
MAY 1983	394		1	31
JUN 1983	345		1	30
JUL 1983	475		1	31
AUG 1983	508		1	31
SEP 1983	434		1	23
OCT 1983	393		1	31
NOV 1983	474		1	30
DEC 1983	317		1	27
Totals:				
1983	5,509			
JAN 1984	402	0	1	27
FEB 1984	426	0	1	29
MAR 1984	491	0	1	25
APR 1984	713	0	1	30
MAY 1984	541	0	1	31
JUN 1984	492	0	1	30
JUL 1984	33	0	1	2

AUG 1984	0	0	0	0
SEP 1984	0	0	0	0
OCT 1984	715	1	1	16
NOV 1984	779	2	1	30
DEC 1984	1,108	2	1	30
Totals:				
1984	5,700	5		
JAN 1985	976	2	1	31
FEB 1985	713	2	1	28
MAR 1985	728	2	1	28
APR 1985	593	2	1	30
MAY 1985	224	1	1	9
JUN 1985	869	0	1	0
JUL 1985	653	1	1	13
AUG 1985	27	0	1	1
SEP 1985	0	0	0	0
OCT 1985	0	0	0	0
NOV 1985	0	0	0	0
DEC 1985	0	0	0	0
Totals:				
1985	4,783	10		
JAN 1986	578	2	1	0
FEB 1986	801	2	1	0
MAR 1986	677	2	1	25
APR 1986	0	0	0	0
MAY 1986	0	0	0	0
JUN 1986	69	0	1	2
JUL 1986	950	2	1	25
AUG 1986	348	1	1	15
SEP 1986	0	0	0	0
OCT 1986	964	0	1	21
NOV 1986	699	0	1	30
DEC 1986	701	0	1	30
Totals:				
1986	5,787	9		
JAN 1987	744		1	0
FEB 1987	520		1	25
MAR 1987	419		1	25
APR 1987	770		1	30
MAY 1987	0		0	0
JUN 1987	0		0	0
JUL 1987	0		0	0
AUG 1987	0		0	0
SEP 1987	0		0	0
OCT 1987	772		1	12
NOV 1987	1,321		1	30
DEC 1987	0		0	0
Totals:				
1987	4,546			
JAN 1988	636		1	31
FEB 1988	447		1	29
MAR 1988	881		1	29
APR 1988	802		1	30

MAY 1988	684	1	30
JUN 1988	739	1	28
JUL 1988	0	0	0
AUG 1988	0	0	0
SEP 1988	0	0	0
OCT 1988	0	0	0
NOV 1988	1,090	1	23
DEC 1988	361	1	9
Totals:			
1988	5,640		
JAN 1989	385	1	31
FEB 1989	522	1	28
MAR 1989	536	1	31
APR 1989	790	1	25
MAY 1989	300	1	3
JUN 1989	0	0	0
JUL 1989	0	0	0
AUG 1989	0	0	0
SEP 1989	0	0	0
OCT 1989	737	1	15
NOV 1989	803	1	21
DEC 1989	378	1	7
Totals:			
1989	4,451		
JAN 1990	450	1	5
FEB 1990	0	0	0
MAR 1990	585	1	20
APR 1990	1,387	1	30
MAY 1990	990	1	31
JUN 1990	913	1	30
JUL 1990	512	1	9
AUG 1990	1,075	1	31
SEP 1990	249	1	5
OCT 1990	0	0	0
NOV 1990	0	0	0
DEC 1990	427	1	12
Totals:			
1990	6,588		
JAN 1991	1,452	1	31
FEB 1991	698	1	14
MAR 1991	0	0	0
APR 1991	0	0	0
MAY 1991	715	1	26
JUN 1991	193	1	1
JUL 1991	0	0	0
AUG 1991	1,007	1	27
SEP 1991	882	1	30
OCT 1991	869	1	31
NOV 1991	723	1	30
DEC 1991	1,061	1	31
Totals:			
1991	7,600		
JAN 1992	918	1	31

FEB 1992	821	1	29
MAR 1992	764	1	31
APR 1992	848	1	30
MAY 1992	577	1	31
JUN 1992	566	1	30
JUL 1992	523	1	31
AUG 1992	562	1	31
SEP 1992	754	1	30
OCT 1992	833	1	31
NOV 1992	842	1	30
DEC 1992	682	1	31

Totals:

1992	8,690
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JAN 1993	600	1	31
FEB 1993	712	1	28
MAR 1993	558	1	31
APR 1993	640	1	30
MAY 1993	496	1	31
JUN 1993	392	1	23
JUL 1993	395	1	24
AUG 1993	461	1	31
SEP 1993	553	1	27
OCT 1993	0	0	0
NOV 1993	0	0	0
DEC 1993	0	0	0

Totals:

1993	4,807
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JAN 1994	884	1	31
FEB 1994	1,013	1	28
MAR 1994	648	1	31
APR 1994	678	1	30
MAY 1994	746	1	31
JUN 1994	618	1	30
JUL 1994	676	1	31
AUG 1994	648	1	31
SEP 1994	632	1	30
OCT 1994	534	1	31
NOV 1994	534	1	30
DEC 1994	453	1	31

Totals:

1994	8,064
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JAN 1995	475	1	31
FEB 1995	464	1	28
MAR 1995	501	1	31
APR 1995	498	1	30
MAY 1995	521	1	31
JUN 1995	526	1	30
JUL 1995	570	1	31
AUG 1995	525	1	31
SEP 1995	506	1	30
OCT 1995	497	1	31
NOV 1995	518	1	30
DEC 1995	631	1	31

Totals:

1995	6,232			
JAN 1996	553	0	1	31
FEB 1996	495	0	1	29
MAR 1996	543	0	1	31
APR 1996	610	0	1	30
MAY 1996	504	0	1	31
JUN 1996	565	2	1	30
JUL 1996	483	2	1	31
AUG 1996	552	2	1	31
SEP 1996	542	2	1	30
OCT 1996	542	2	1	31
NOV 1996	556	2	1	30
DEC 1996	619	2	1	31
Totals:				
1996	6,564	14		
JAN 1997	499	2	1	31
FEB 1997	464	2	1	28
MAR 1997	529	2	1	31
APR 1997	530	2	1	30
MAY 1997	529	2	1	31
JUN 1997	518	2	1	30
JUL 1997	528	2	1	31
AUG 1997	583	2	1	31
SEP 1997	811	2	1	30
OCT 1997	550	2	1	31
NOV 1997	615	2	1	30
DEC 1997	985	2	1	31
Totals:				
1997	7,141	24		
JAN 1998	1,112	2	1	31
FEB 1998	780	2	1	28
MAR 1998	557	2	1	31
APR 1998	533	2	1	30
MAY 1998	439	2	1	31
JUN 1998	456	2	1	30
JUL 1998	684	2	1	31
AUG 1998	546	2	1	31
SEP 1998	517	2	1	30
OCT 1998	785	2	1	31
NOV 1998	744	0	1	30
DEC 1998	636	0	1	28
Totals:				
1998	7,789	20		
JAN 1999	840		1	31
FEB 1999	750		1	26
MAR 1999	977		1	31
APR 1999	787		1	30
MAY 1999	1,311		1	31
JUN 1999	749		1	30
JUL 1999	633		1	31
AUG 1999	618		1	31
SEP 1999	707		1	30
OCT 1999	485		1	31

NOV 1999	342	1	30
DEC 1999	653	1	31
Totals:			
1999	8,852		
JAN 2000	766	1	31
FEB 2000	675	1	29
MAR 2000	567	1	31
APR 2000	497	1	30
MAY 2000	575	1	31
JUN 2000	456	1	30
JUL 2000	592	1	31
AUG 2000	615	1	31
SEP 2000	214	1	29
OCT 2000	700	1	31
NOV 2000	737	1	30
DEC 2000	823	1	31
Totals:			
2000	7,217		
JAN 2001	899	1	30
FEB 2001	427	1	22
MAR 2001	1,061	1	31
APR 2001	811	1	30
MAY 2001	860	1	30
JUN 2001	596	1	30
JUL 2001	401	1	31
AUG 2001	654	1	31
SEP 2001	652	1	30
OCT 2001	779	1	31
NOV 2001	703	1	30
DEC 2001	727	1	31
Totals:			
2001	8,570		
JAN 2002	714	1	31
FEB 2002	602	1	28
MAR 2002	637	1	31
APR 2002	606	1	30
MAY 2002	794	1	31
JUN 2002	636	1	30
JUL 2002	710	1	31
AUG 2002	805	1	31
SEP 2002	694	1	30
OCT 2002	559	1	31
NOV 2002	740	1	30
DEC 2002	479	1	31
Totals:			
2002	7,976		
JAN 2003	614	1	31
FEB 2003	681	1	28
MAR 2003	798	1	31
APR 2003	635	1	30
MAY 2003	665	1	31
JUN 2003	725	1	30
JUL 2003	771	1	31

AUG 2003	750		1	31
SEP 2003	559		1	30
OCT 2003	779		1	31
NOV 2003	765		1	30
DEC 2003	750		1	31
Totals:				
2003	8,492			
JAN 2004	603		1	31
FEB 2004	659		1	29
MAR 2004	536		1	31
APR 2004	539		1	30
MAY 2004	665		1	31
JUN 2004	750		1	30
JUL 2004	820		1	31
AUG 2004	829		1	31
SEP 2004	637		1	30
OCT 2004	583		1	31
NOV 2004	713		1	30
DEC 2004	683		1	31
Totals:				
2004	8,017			
JAN 2005	835		1	31
FEB 2005	668		1	28
MAR 2005	704		1	31
APR 2005	673		1	30
MAY 2005	723		1	31
JUN 2005	725		1	30
JUL 2005	796		1	31
AUG 2005	764		1	31
SEP 2005	770		1	30
OCT 2005	872		1	31
NOV 2005	850		1	30
DEC 2005	621		1	31
Totals:				
2005	9,001			
JAN 2006	619	0	1	31
FEB 2006	529	0	1	28
MAR 2006	599	0	1	31
APR 2006	1,261	0	1	30
MAY 2006	991	0	1	31
JUN 2006	435	0	1	30
JUL 2006	692	0	1	31
AUG 2006	674	0	1	31
SEP 2006	802	0	1	30
OCT 2006	543	0	1	31
NOV 2006	726	0	1	30
DEC 2006	542	31	1	31
Totals:				
2006	8,413	31		
JAN 2007	749	31	1	31
FEB 2007	729	28	1	28
MAR 2007	780	31	1	31
APR 2007	627	30	1	30

MAY 2007	692	31	1	31
JUN 2007	541	30	1	30
JUL 2007	436	31	1	31
AUG 2007	482	31	1	31
SEP 2007	444	30	1	30
OCT 2007	858		1	31
NOV 2007	707		1	30
DEC 2007	827		1	31

Totals:				
2007	7,872	273		

JAN 2008	842		1	31
FEB 2008	803		1	29
MAR 2008	804		1	31
APR 2008	586		1	30
MAY 2008	506		1	31
JUN 2008	650		1	30
JUL 2008	814		1	31
AUG 2008	823		1	31

Gas Tests	Total count: 10									
API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number	Number	Date					B/D	B/D	MCFD	MCFD

First Test

30045207170000	6	19701223	763	68	813	907			916	
30045207170000	6	19710502	530	188	563	607			149	
30045207170000	6	19720526	372	201	395	417			60	
30045207170000	6	19730703	365	162	387	408			46	
30045207170000	6	19750503	314	167	333	348			32	
30045207170000	6	19770703	303	153	321	335			22	
30045207170000	6	19780717	282	169	299	311			22	
30045207170000	6	19790502	278	146	295	307			25	
30045207170000	6	19810901	281	164	298	310			25	
30045207170000	6	19830908	318	264	337	352			18	