

12/27/06 DATE IN	SUSPENSE	WILL JONES ENGINEER	LOGGED IN 12/27/06	TYPE DHC	APP NO. PTDSONE36137983
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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 _____

[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.

Philana Thompson

Print or Type Name

Signature

Regulatory Tech

Title

12/21/06

Date

thomppp@conocophillips.com

e-mail Address

2006 DEC 27 AM 10:21
2006 DEC 27 PM 10:21

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

Burlington Resources Oil & Gas Company LP
Operator

P.O.Box 4289 Farmington, NM 87499
Address

WILSON 2

Unit G, Sec. 031, 029N, 010W

SAN JUAN

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No: 14538 Property Code 7639 API No. 30045237300000 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	AZTEC FRUITLAND SAND		OTERO CHACRA
Pool Code	71200		7639
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1531'-1613'		2770'-2892'
Method of Production (Flowing or Artificial Lift)	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)	Original - 561 psi Current - 200 psi		Original - 1133 psi Current - 192 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1175		BTU 1189
Producing, Shut-In or New Zone	PRODUCING		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: June 2006 Rates: 98 MCF	Date: Rates:	Date: June 2006 Rates: 1,174 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	Oil Gas Will be supplied upon completion

ADDITIONAL DATA

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

Yes ☒ No ☐
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 Julian Carrillo TITLE Engineer DATE 12-15-06

TYPE OR PRINT NAME Julian Carrillo TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Julian.B.Carrillo@conocophillips.com

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 41047

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-23730	2. Pool Code 71200	3. Pool Name AZTEC FRUITLAND SAND (GAS)
4. Property Code 7639	5. Property Name WILSON	6. Well No. 002
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 5582

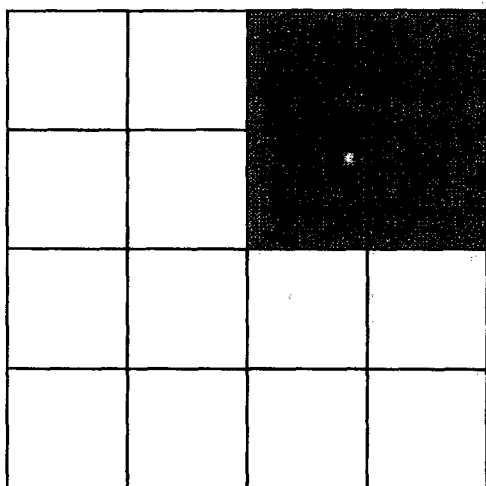
10. Surface Location

UL - Lot G	Section 31	Township 29N	Range 10W	Lot Idn	Feet From 1635	N/S Line N	Feet From 1550	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 160.00		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 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.

E-Signed By: *Philana Thompson*
Title: *Regulatory Tech*
Date: *11/8/08*

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.

Surveyed By: **James F. Leese**
Date of Survey: **7/12/1979**
Certificate Number: **1463**

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

Form C-102
Permit 41047

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-23730	2. Pool Code 82329	3. Pool Name OTERO CHACRA (GAS)
4. Property Code 7639	5. Property Name WILSON	6. Well No. 002
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 5582

10. Surface Location

UL - Lot G	Section 31	Township 29N	Range 10W	Lot Idn	Feet From 1635	N/S Line N	Feet From 1550	E/W Line E	County SAN JUAN
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11. Bottom Hole Location If Different From Surface

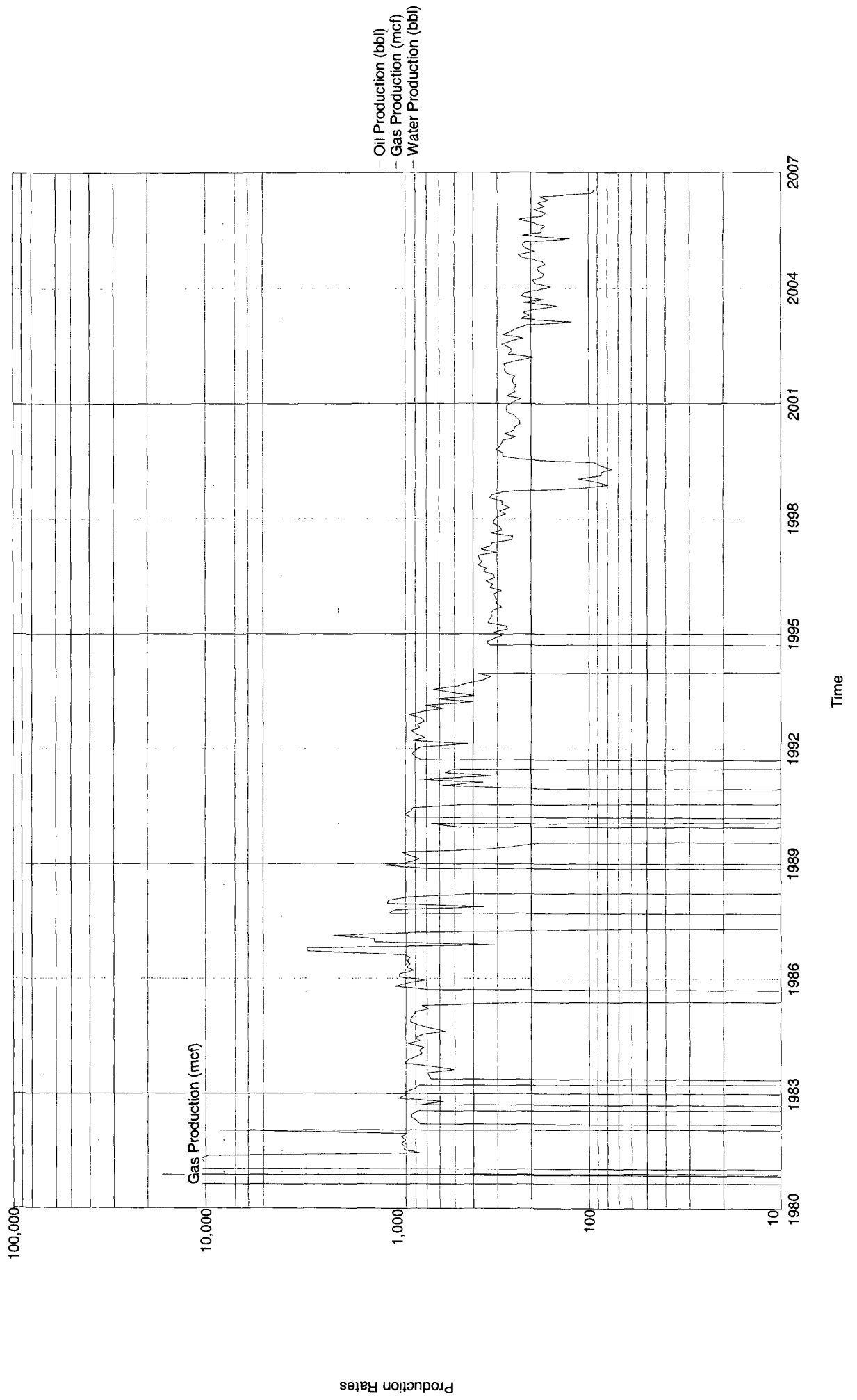
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 160.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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	OPERATOR CERTIFICATION 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. E-Signed By: <i>Phylana Thompson</i> Title: <i>Regulatory Tech</i> Date: <i>11/8/06</i>	
	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. Surveyed By: James F. Leese Date of Survey: 7/12/1979 Certificate Number: 1463	

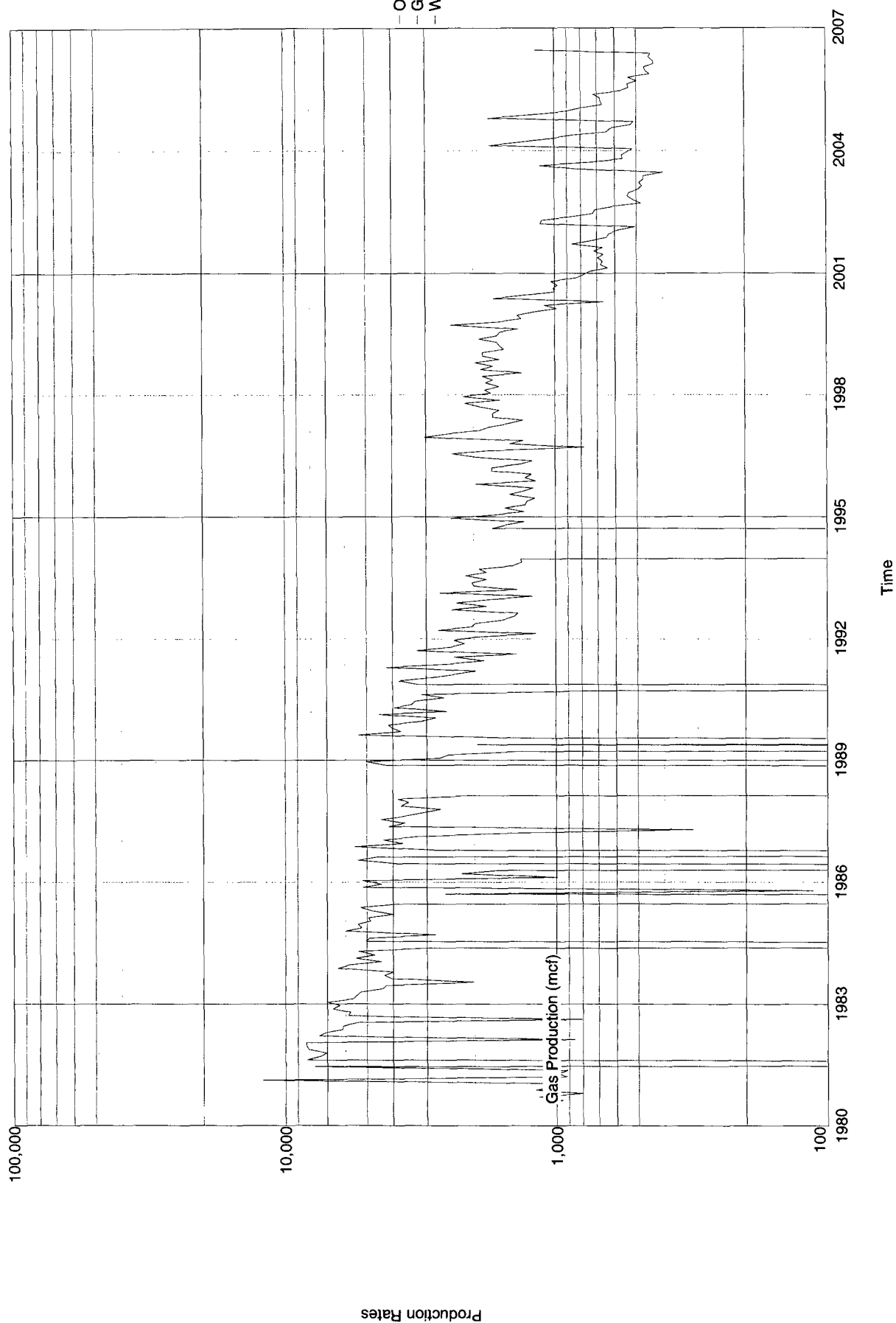
Lease Name: WILSON
County, State: SAN JUAN, NM
Operator: BURLINGTON RESOURCES O&G CO LP
Field: AZTEC
Reservoir: FRUITLAND
Location: 31 29N 10W NE SW NE

WILSON - AZTEC



Lease Name: WILSON
County, State: SAN JUAN, NM
Operator: BURLINGTON RESOURCES O&G CO LP
Field: OTERO
Reservoir: CHACRA
Location: 31 29N 10W NE SW NE

WILSON - OTERO



PI/Dwights PLUS on CD Detailed Well Test Report

Lease Name:	WILSON	Well Number:	2
Lease Number:	007639	Cum Oil:	
Operator Name:	BURLINGTON RESOURCES O&G	Cum Gas:	678,708
State:	NEW MEXICO	Cum Water:	
County:	SAN JUAN	First Production Date:	JUL 1980
Field:	OTERO	Last Production Date:	JUN 2006
Sec Twn Rng:	31G 29N 10W	Spot:	NE SW NE
Latitude/Longitude:	36.68524 -107.92137	Lat/Long Source:	TS
Regulatory #:		Completion Date:	MAY 15, 1980
API:	30045237300000	Total Depth:	3052
Production ID:	2300430452373082329	Upper Perforation:	2770
Reservoir Name:	CHACRA	Lower Perforation:	2892
Prod Zone:	CHACRA	Gas Gravity:	
Prod Zone Code:	604CHCR	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	1.6
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		

Gas Tests		Total count: 4													
API Number	Well Number	Test Type	Test Date	Upper Perf.	Lower Perf.	Cum Prod To Test	WHSIP	WHFP	BHP	BHP/Z	BHP Type	Water B/D	Cond B/D	Gas MCFD	AOF MCFD

First Test															
30045237300000	2	IP	19800514	2770	2892		1055		1133	1308	C			2741	
30045237300000	2	CAP	19810609			24557	419	151	447	474	C			323	
30045237300000	2	CAP	19820409			88124	417	166	445	471	C			308	
30045237300000	2	CAP	19830825			173379	468	268	500	533	C			161	

PI/Dwights PLUS on CD Detailed Well Test Report

Lease Name:	WILSON	Well Number:	2
Lease Number:	007639	Cum Oil:	
Operator Name:	BURLINGTON RESOURCES O&G	Cum Gas:	222,369
State:	NEW MEXICO	Cum Water:	
County:	SAN JUAN	First Production Date:	AUG 1980
Field:	AZTEC	Last Production Date:	JUL 2006
Sec Twn Rng:	31G 29N 10W	Spot:	NE SW NE
Latitude/Longitude:	-107.92137	Lat/Long Source:	TS
Regulatory #:		Completion Date:	MAY 15, 1980
API:	30045237300000	Total Depth:	3052
Production ID:	2300430452373071200	Upper Perforation:	1531
Reservoir Name:	FRUITLAND	Lower Perforation:	1613
Prod Zone:	FRUITLAND	Gas Gravity:	
Prod Zone Code:	604FRLD	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	1.7
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE	GAS	

Gas Tests		Total count: 4													
API	Well	Test	Test	Upper	Lower	Cum Prod	WHSIP	WHFP	BHP	BHP/Z	BHP	Water	Cond	Gas	AOF
Number	Number	Type	Date	Perf.	Perf.	To Test					Type	B/D	B/D	MCFD	MCFD
First Test															
30045237300000	2	IP	19800514	1531	1613		540		561	609	C			207	
30045237300000	2	CAP	19810609			84674	430	140	446	476	C			31	
30045237300000	2	CAP	19820409			100122	438	146	454	485	C			28	
30045237300000	2	CAP	19830825			111319	432	271	448	478	C			23	