

ABOVE THIS LINE FOR DIVISION USE ONLY

1144-A

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.

_____ Print or Type Name	_____ Signature	_____ Title	_____ Date
_____ 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

CDX RIO, LLC

4801 North butler Ave., Suite 2000, Farmington, NM 87401

Operator _____ Address _____

JICARILLA GAS COM B #1 G-31-T26N-R5W RIO ARRIBA
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No 222374 Property Code _____ API No. 30-039-06258 Lease Type: 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)	3573 - 3593	4760 - 5070	6894 - 7080
Method of Production (Flowing or Artificial Lift)	Plunger Lift	Plunger Lift	Plunger Lift
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1194 BTU	1200 BTU	1307 BTU
Producing, Shut-In or New Zone	PRODUCING	NEW	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: Jul 2004 Rates: 17 mcf/d 0 bopd 0 bwpd	Date: Rates:	Date: Jul 2004 Rates: 94 mcf/d 3 bopd 0 bwpd
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 _____ % %	Oil _____ Gas _____ % %	Oil _____ Gas _____ % %

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:

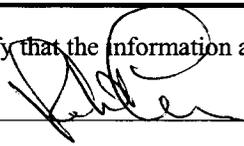
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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  TITLE Operations Engineer DATE 8/3/04

TYPE OR PRINT NAME Robert Lemmons TELEPHONE NO. (505) 326-3003

E-MAIL ADDRESS rob.lemmons@cdxgas.com



CDX Gas, LLC
4801 N. Butler Avenue, Suite 2000
Farmington, NM 87401
Main: 505-326-3003
Fax: 505-325-4007

3.August.2004

Mr. William Jones
New Mexico Oil Conservation Division
Engineering Bureau
1220 So. St. Francis Drive
P.O. Box 6429
Santa Fe, New Mexico 87505

RE: Application for Exception to Rule 303-A
Downhole Commingling
Jicarilla Gas Com B#1
API No. 30-0397-06258
Basin Dakota / Otero Chacra and Blanco Mesaverde Pools
1450' FNL, 1850' FEL, Unit G Sec31-T26N-R5W
Rio Arriba County, New Mexico

Dear Mr. Jones;

CDX RIO, LLC hereby request administrative approval to downhole commingle production from the Basin Dakota and Otero Chacra Pools with production from the Blanco Mesaverde Pools in the Jicarilla Gas Com B#1.

The Gas COM B#1 was originally completed as a dual producer in the Dakota and Chacra formations. In August 1995 approval was obtained to downhole commingle the Dakota and Chacra.

The Mesaverde is marginal in the area but is not substantial enough to justify drilling a new well, but commingling with existing production through an existing wellbore can capture the reserves. Adding the Mesaverde production will have no detrimental effects and the fluids have no abnormal components that would prohibit commingling or promote the creation of emulsions or scale. As an analogy the Jicarilla 155 #13M was a Dakota / Chacra commingled producer and in 1996 approval was obtained to commingle the Mesaverde. Commingling the Mesaverde realized a 100 mcf/d and 7-bopd increases in production, increasing the value and extending the life of the well. The 155 #13M well has produced trouble free since that time.

By copy of this application by certified mail, return receipt requested, CDX is notifying all royalty owners in the affected spacing units, since although owned by the same parties, their respective proportions change. CDX is the only operator / working interest owner in all formations.

When the Mesaverde is completed it will be isolated and tested thru tubing. The subtraction method, combined with the existing allocation of the Chacra and Dakota, will be used to

determine the new allocation for the commingled production. Existing Chacra – Dakota allocation is

Chacra	Oil 0%	Gas 15%
Dakota	Oil 100%	Gas 85%

Estimated production from the Mesaverde is 100 mcf/d and 9 bopd (using the analogy offset data from Jicarilla 155 #13M). New allocations will then be

Mesaverde	Oil 75%	Gas 47%
Chacra	Oil 0%	Gas 8%
Dakota	Oil 25%	Gas 45%

Attached to aid in your review are plats showing the location of the well and offset wells in the same formation, a recent production plot for the commingled zones and historical plots for the Chacra and Dakota production, and form C-102 showing the location and spacing units.

This spacing unit is located on an Indian lease (Jicarilla Apache Tribal #155) and a copy of this application package will be sent to the BLM / Jicarilla Tribe requesting their consent.

Should have any question concerning this application please contact the undersigned at (505) 326-3003.

Sincerely



Robert Lemmons
Drilling / Operations Engineer
CDX GAS, LLC
505-326-3003 ext 2820
rob.lemmons@cdxgas.com

cc Mr. Steve Wells, BLM
Rich Corcoran, CDX Land
R. Johnston, CDX Op Mgr.
Fred Vigil, Jicarilla Oil & Gas Admin.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date March 27, 1961

Operator PAN AMERICAN PETROLEUM CORPORATION Lease JICARILLA GAS UNIT "B"
 Well No. 1 Unit Letter G Section 31 Township 26 NORTH Range 5 WEST, NMPM
 Located 1450 Feet From the NORTH Line, 1850 Feet From the EAST Line
 County RIO ARRIBA G. L. Elevation To report later Dedicated Acreage 319.40 Acres
 Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes", Type of Consolidation:

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner	Land Description

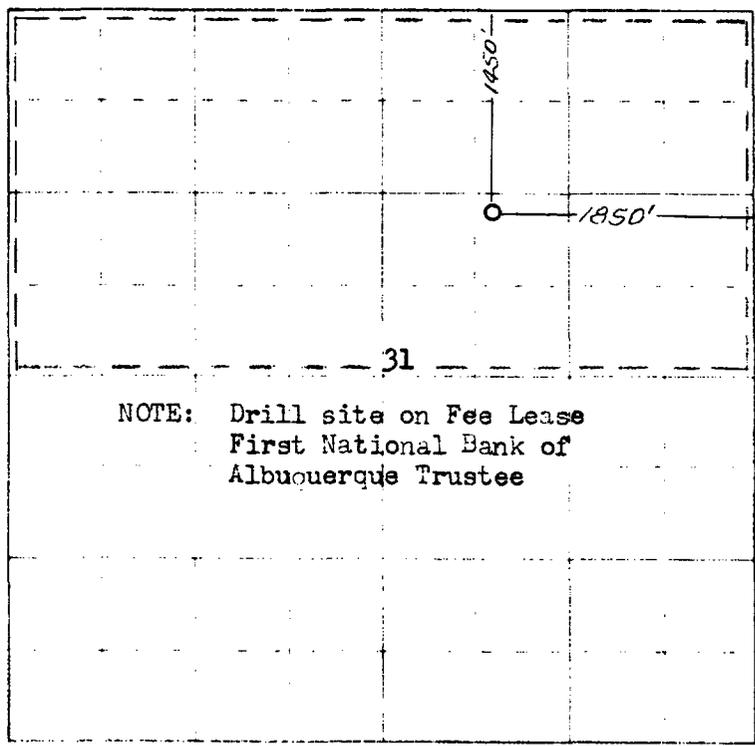


Section B.

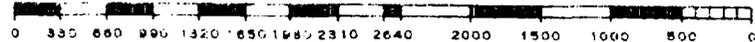
Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Pan American Petroleum Corporation
 (Operator)
R. M. Bauer, Jr. *[Signature]*
 (Representative)
Box 480, Farmington, New Mexico
 (Address)



NOTE: Drill site on Fee Lease
 First National Bank of
 Albuquerque Trustee



Scale 4 inches equal 1 mile

Ref: GLO plat dated 4 November 1882



(Seal)

Farmington, New Mexico

Date Surveyed 24 March 1961

[Signature]
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese N. Mex. Reg. No. 1463

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06258	² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code	⁵ Property Name JICARILLA GAS COM B	
⁷ OGRID No. 222374	⁸ Operator Name CDX RIO, LLC	⁶ Well Number 1
		⁹ Elevation 6405 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	31	26N	RW		1450	NORTH	1850	EAST	ROA ARRIBA

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.
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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

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Robert Lemmons</i></p> <p>Signature</p> <p>Printed Name Robert Lemmons</p> <p>Title and E-mail Address Operations Engineer, rob.lemmons@cdxgas.com</p> <p>Date 8/3/04</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><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></p> <p>March 24, 1961</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>ON FILE</p> <p>Certificate Number 1463</p>

District I
 1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised June 10, 2003
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06258	² Pool Code 82329	³ Pool Name BLANCO MESAVERDE & BASIN DAKOTA
⁴ Property Code	⁵ Property Name JICARILLA GAS COM B	
⁷ OGRID No. 222374	⁶ Operator Name CDX RIO, LLC	⁴ Well Number 1
		⁹ Elevation 6405 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	31	26N	RW		1450	NORTH	1850	EAST	ROA ARRIBA

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.

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	<p>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature </p> <p>Printed Name Robert Lemmons</p> <p>Title and E-mail Address Operations Engineer, rob.lemmons@cdxgas.com</p> <p>Date 8/3/04</p>
	<p>¹⁸ 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></p> <p>March 24, 1961</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>ON FILE</p> <p>Certificate Number 1463</p>



Jicarilla Gas Com B #1
MV Recompletion

June 30, 2004
DCS

Spud Date: April 18, 1961

API NO: 30-039-06258
Unit: G, Sec 31-T26N-R5W
1450' FNL & 1850' FEL
Rio Arriba Co., NM

← 550' (8 5/8" - 24# - J-55)

Surface Casing

OD: 8 5/8"
Wt: 24#
Coupling: STC
Grade: J-55
Depth: 550'
Sxs Cmt: 400
Cmt Type: B + 2% CaCl
Hole Size: 12 1/4"
Circulated 100 sx cement to surface

Proposed Tubing Configuration

TBG: 2 3/8" at 6,900' +/-
PKR: Removed, was at 6850
Perfs: Chacra - 3,573-77, 3,589-93 (6 spf)
DK - 6894-7080 (6 spf)

Production Casing

OD: 5 1/2"
Wt: 15.5#
Coupling: STC
Grade: J-55
Depth: 7,229'
Sxs Cmt: 2 stg - 250 & 250
Cmt Type: Class B & gel
Top of Cmt: 5,600 (est)
Hole Size: 7 7/8"

Chacra - 3,573-77, 3,589-93 (6 spf)

← DV Tool @ 3,717'

PROPOSED MESAVERDE PERFS
4760 - 5070

Production Tubing

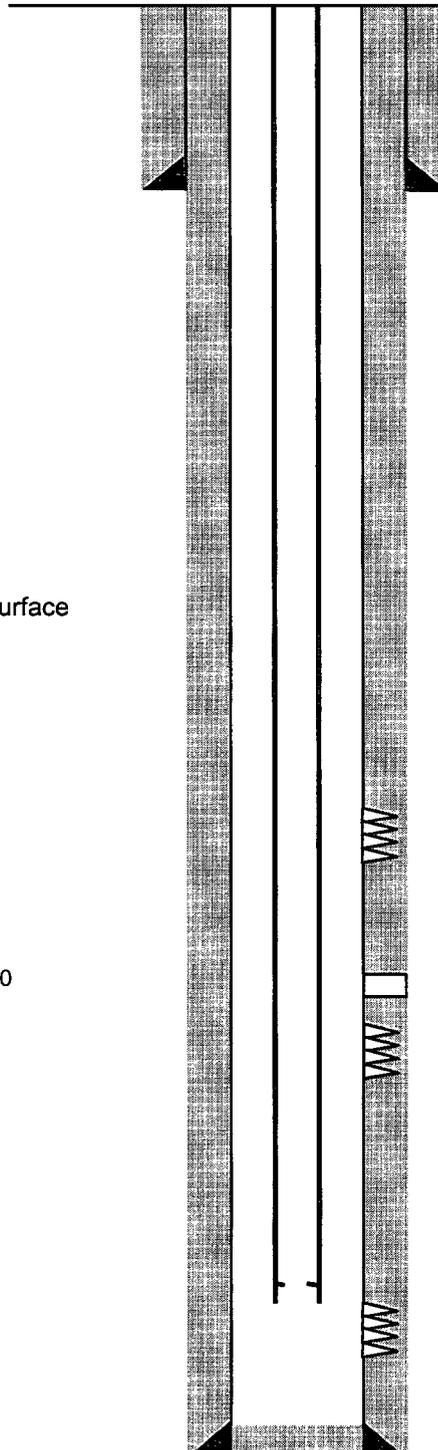
OD: 2 3/8"
Wt: 4.7#
XN Nipple ?'
Grade: J-55
Current EOT: 7,112'

DK - 6894-7080 (6 spf)

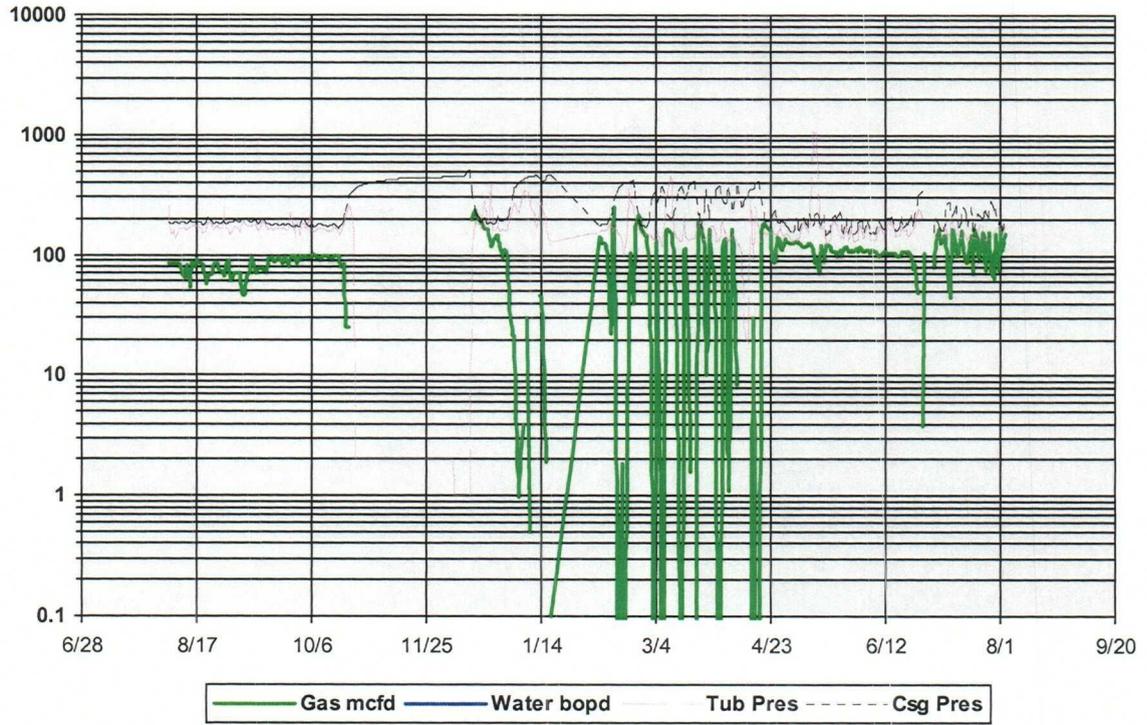
← PBTD: 7188

← 7,229' (5 1/2"-15.5#-J-55)

PBTD: 7188
Temp: ~165 F

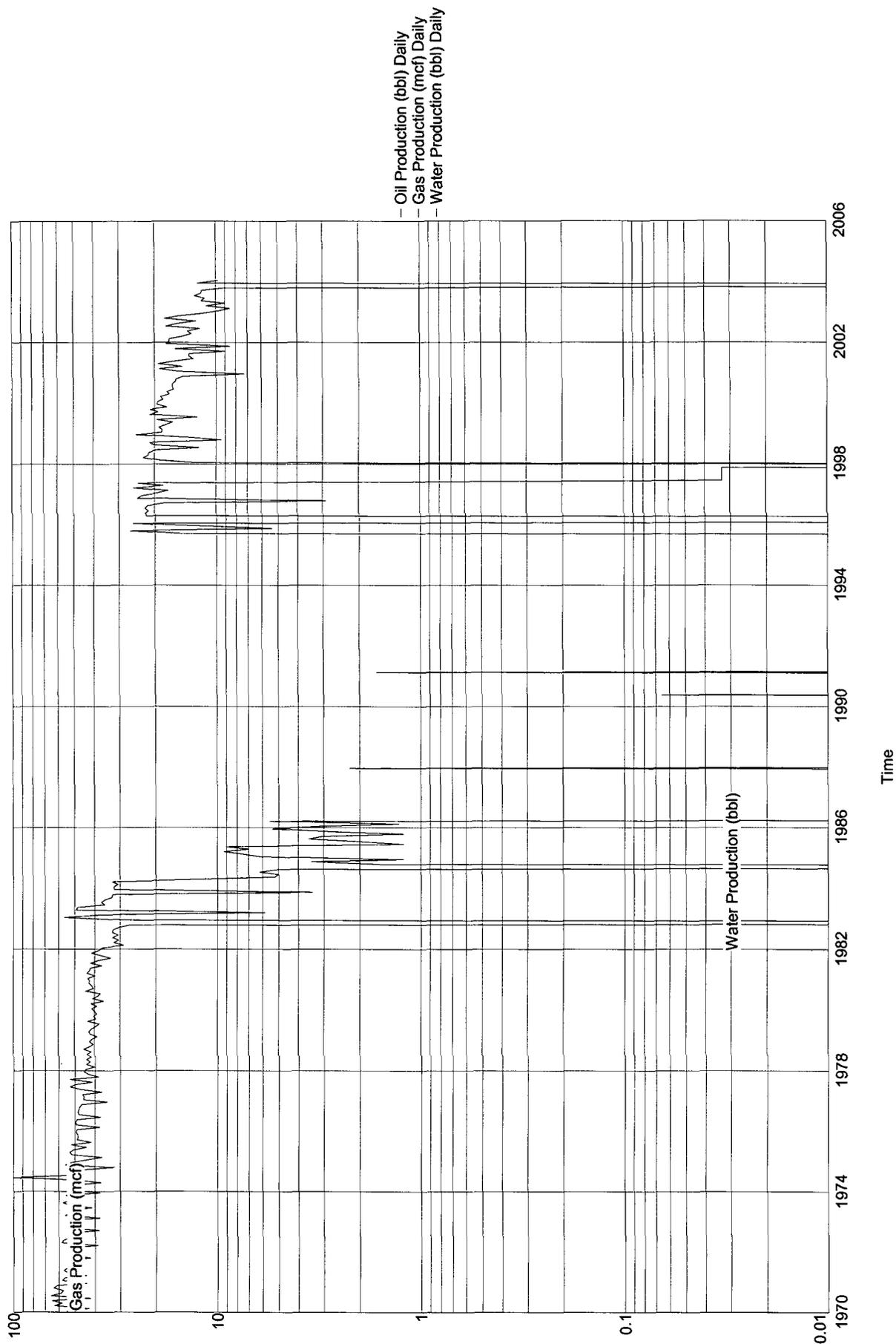


'JICARILLA GC B 001-DK/CH' (8/4/03 - 8/3/04)



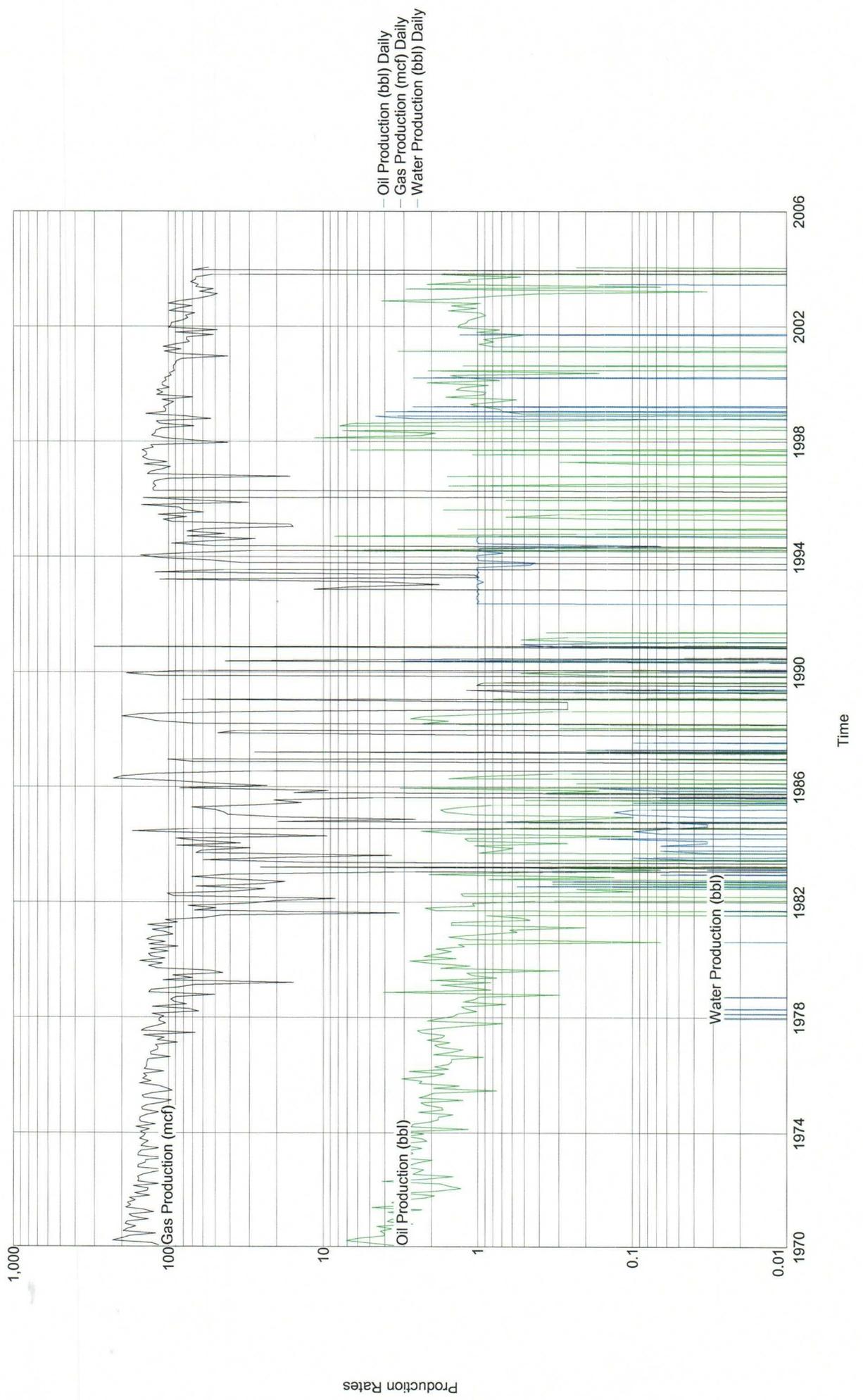
Lease Name: JICARILLA GAS COM B
County, State: RIO ARBA, NM
Operator: CDX RIO LIMITED LIABILITY CORPORATIO
Field: OTERO
Reservoir: CHACRA
Location: 31 26N 5W SW NE

JICARILLA GAS COM B - OTERO 1



Lease Name: JICARILLA GAS COM B
County, State: RIO ARBA, NM
Operator: CDX RIO LIMITED LIABILITY CORPORATIO
Field: BASIN
Reservoir: DAKOTA
Location: 31 26N 5W SW NE

JICARILLA GAS COM B - BASIN 1



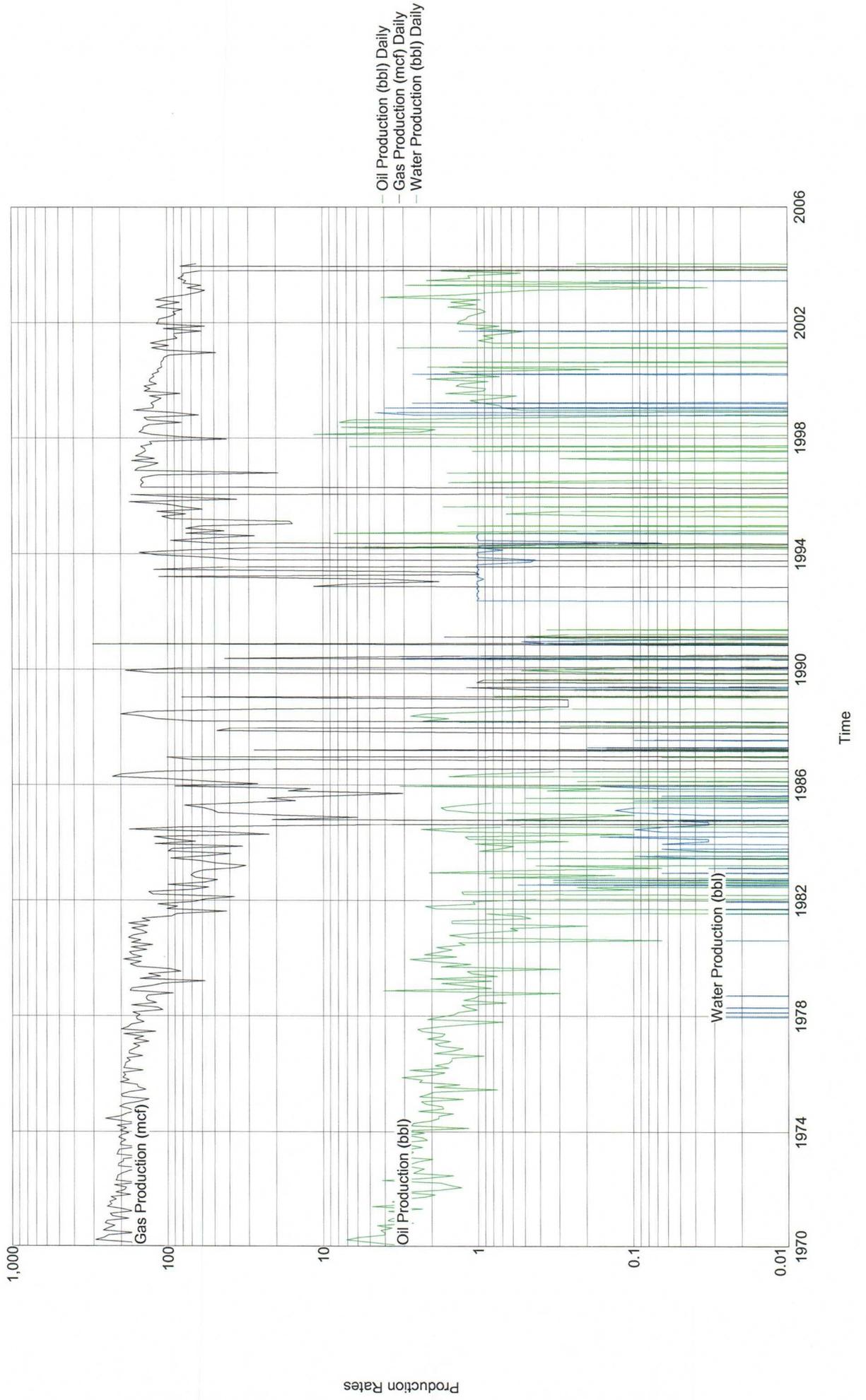
Production Rates

Oil Production (bbl) Daily
Gas Production (mcf) Daily
Water Production (bbl) Daily

Time

Lease Name: JICARILLA GAS COM B
County, State: RIO ARBA, NM
Operator: CDX RIO LIMITED LIABILITY CORPORATIO
Field: MULTIPLE
Reservoir: MULTIPLE
Location:

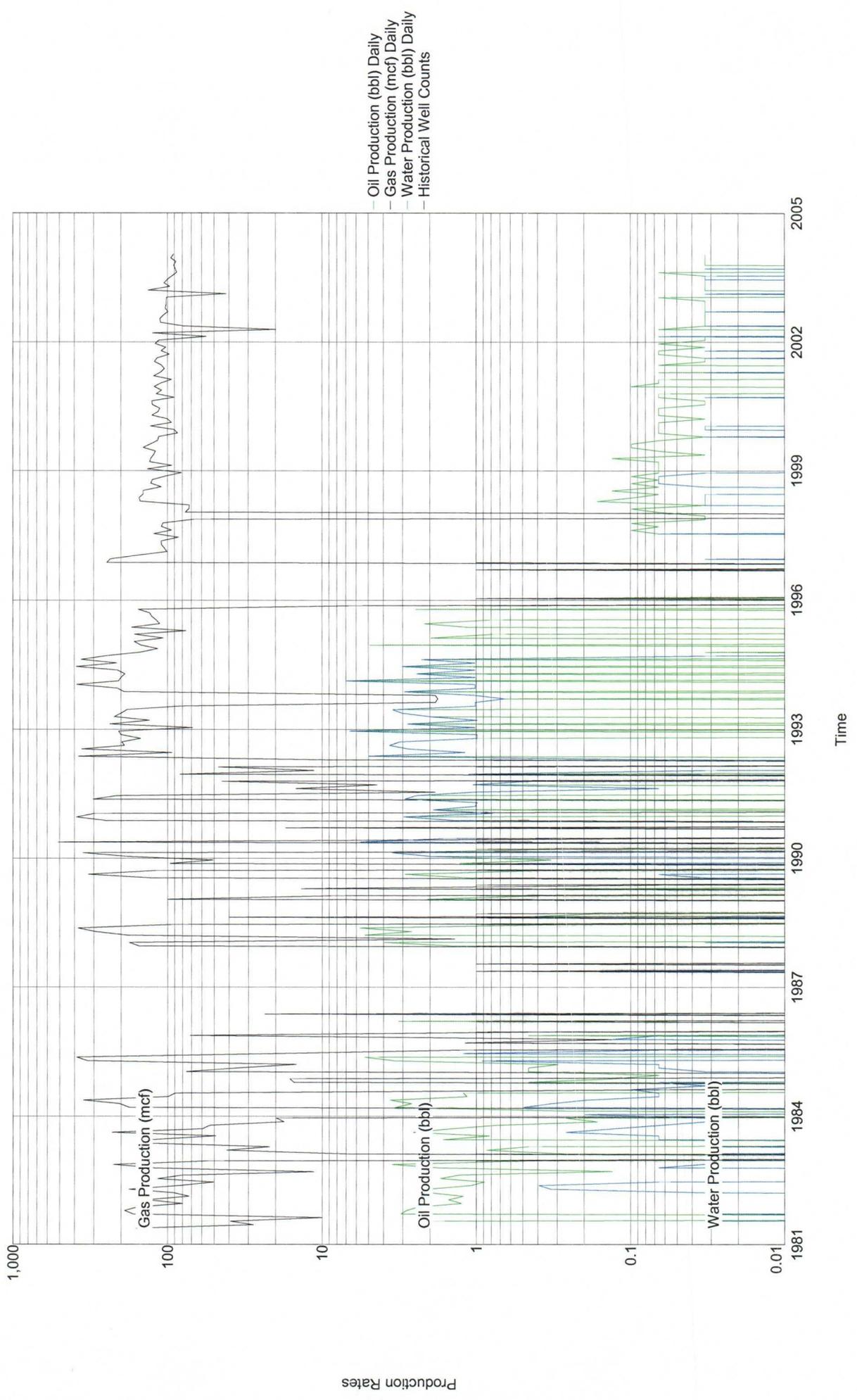
JICARILLA GAS COM B - MULTIPLE



OFFSET WELL.

Lease Name: JICARILLA CONTRACT 155
County, State: RIO ARBA, NM
Operator: CDX RIO RIO LIMITED LIABILITY CORPORATIO
Field: BASIN
Reservoir: DAKOTA
Location: 30 26N 5W SE NW SW

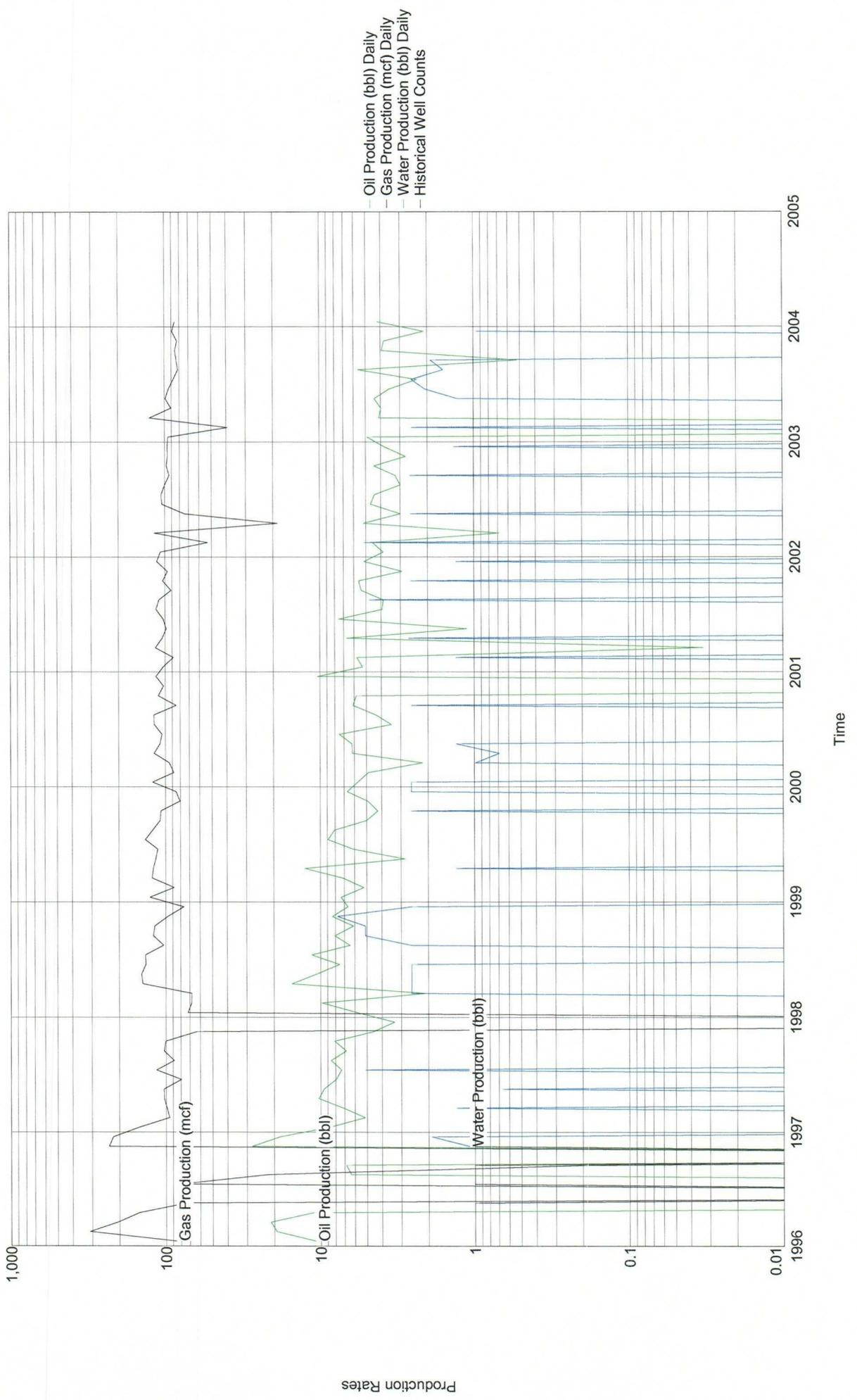
JICARILLA CONTRACT 155 - BASIN 13M



OFFSET WELL

Lease Name: JICARILLA CONTRACT 155
County, State: RIO ARBA, NM
Operator: CDX RIO LIMITED LIABILITY CORPORATIO
Field: BLANCO
Reservoir: MESAVERDE
Location: 30 26N 5W SE NW SW

JICARILLA CONTRACT 155 - BLANCO 13M



GULFTERRA FIELD SERVICES LLC (SAN JUAN)
 Preparer Code: 837495894
 Statement Title: Measurement Audit Statement(Differential)
 Contact: HAROLD TONDERA (832)676-7943
 Statement Type: Original

Accounting/Production Period: 06/2004
 Meter ID: 73291-01
 Meter Name: JICARILLA GAS COM B #1 CH
 Reporting Basis: MCF @ 14.730

CDX RIO LLC
 Recipient Code: 999913325
 Location Code: NA
 Report Date/Time: 07/13/2004 06:10

CERTIFICATE OF ANALYSIS

Sample Id: 73291
 Sample Desc: JICARILLA GAS COM B #1 CH

District: SJ BLANCO AREA #7

Effective Date: 03/01/2004 07:00
 Sample Date: 02/09/2004
 Analyzed Date:
 Sample Freq: SEMIANNUALLY

Device: (No spec equip)
 Chrom ID: N/A

Sample Temp (F): 51.0
 Sample Press: 154.0
 Press Base: 14.73

Sample Type: SPOT
 Sampled By:
 Analyzed By: FSLAB
 GPA Version: 2145-03

Component	Mole %	GPM	Others	Mole %	GPM
Methane	78.2879	0.0000	Carbon Dioxide	0.7386	0.0000
Ethane	11.7086	3.1293	H2S	0.0000	0.0000
Propane	5.2498	1.4454	Nitrogen	0.3441	0.0000
Iso Butane	0.8325	0.2723	Hydrogen	0.0000	0.0000
Butane	1.4387	0.4536	Oxygen	0.0000	0.0000
Iso Pentane	0.4817	0.1763	Helium	0.0000	0.0000
Pentane	0.3597	0.1303	Argon	0.0000	0.0000
NeoPentane	0.0000	0.0000	Carbon Monoxide	0.0000	0.0000
Hexane	0.5584	0.2296	Sub Total Others	1.0827	0.0000
Heptane	0.0000	0.0000			
Octane	0.0000	0.0000			
Nonane	0.0000	0.0000			
Decane	0.0000	0.0000			
Sub Total GPM	98.9173	5.8366			
Others	1.0827	0.0000			
Total	100.0000	5.8366			

Gravity: 0.7370
 Dry BTU: 1274.0
 Wet BTU: 1251.8

Rocky Mountain Region
 1675 Broadway, Suite 1500
 Denver, CO 80202
 (303) 573-2772

Lab Team Leader - Sheila Hernandez
 (915) 495-7240

Water Analysis Report by Baker Petrolite

Company:	CDX GAS COMPANY	Sales RDT:	44211
Region:	ROCKY MOUNTAINS	Account Manager:	CRAIG SMITH (505) 330-3224
Area:	FARMINGTON, NM	Sample #:	300963
Lease/Platform:	JICARILLA 155	Analysis ID #:	42939
Entity (or well #):	B 001	Analysis Cost:	\$40.00
Formation:	UNKNOWN		
Sample Point:	SEPARATOR		

Summary		Analysis of Sample 300963 @ 75 °F					
Sampling Date:	4/27/04	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	5/5/04	Chloride:	284.0	8.01	Sodium:	262.8	11.43
Analyst:	JAMES AHRLETT	Bicarbonate:	235.0	3.85	Magnesium:	2.0	0.16
TDS (mg/l or g/m3):	806.9	Carbonate:	0.0	0.	Calcium:	5.0	0.25
Density (g/cm3, tonne/m3):	1	Sulfate:	10.0	0.21	Strontium:	1.0	0.02
Anion/Cation Ratio:	0.9999991	Phosphate:			Barium:	0.1	0.
Carbon Dioxide:		Borate:			Iron:	2.0	0.07
Oxygen:		Silicate:			Potassium:	5.0	0.13
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:		6.8	Chromium:		
		pH at time of analysis:		8.17	Copper:		
		pH used in Calculation:		6.8	Lead:		
					Manganese:		
					Nickel:		

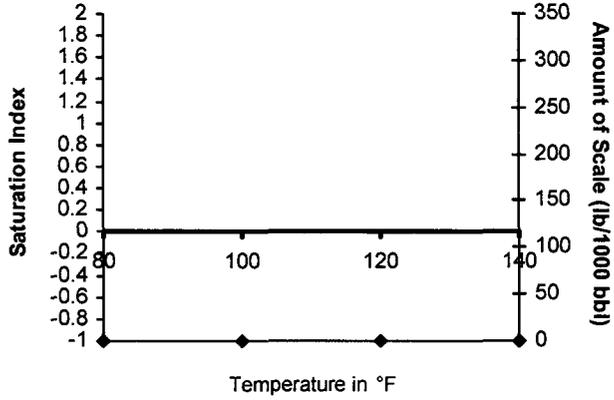
Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	-1.62	0.00	-3.70	0.00	-3.77	0.00	-2.67	0.00	-0.59	0.00	0.54
100	0	-1.48	0.00	-3.69	0.00	-3.70	0.00	-2.64	0.00	-0.72	0.00	0.71
120	0	-1.32	0.00	-3.68	0.00	-3.60	0.00	-2.60	0.00	-0.83	0.00	0.89
140	0	-1.16	0.00	-3.65	0.00	-3.48	0.00	-2.55	0.00	-0.91	0.00	1.07

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

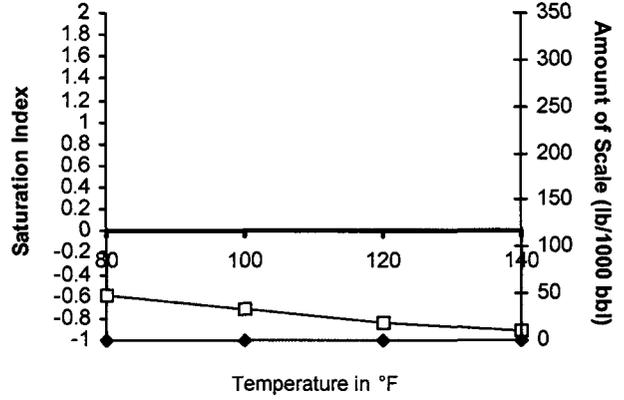
Scale Predictions from Baker Petrolite

Analysis of Sample 300963 @ 75 °F for CDX GAS COMPANY, 5/5/04

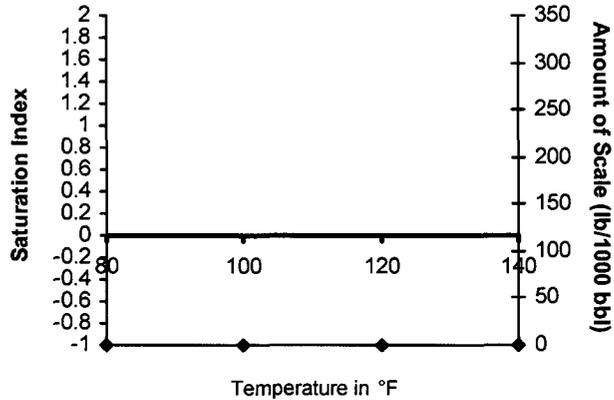
Calcite - CaCO₃



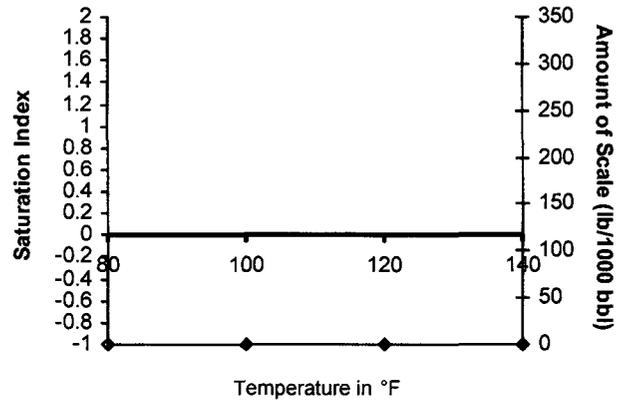
Barite - BaSO₄



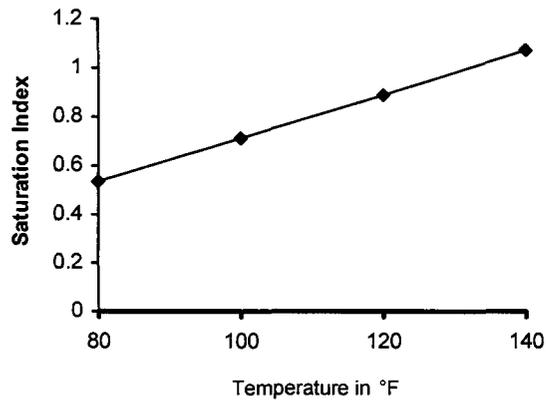
Gypsum - CaSO₄·2H₂O



Anhydrite - CaSO₄



Carbon Dioxide Partial Pressure



Celestite - SrSO₄

