

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 03560
2. Name of Operator CONOCO, INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 2197 DU 3084 HOUSTON TX 77252	3b. Phone No. (include area code) (281)293-1005	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) A SEC.30, T27N, R7W 800' FNL & 940' FEL		8. Well Name and No. SAN JUAN 28-7 #100
		9. API Well No. 30-039-21664
		10. Field and Pool, or Exploratory Area BLANCO MESAVERDE/ OTERO CHAI
		11. County or Parish, State RIO ARRIBA NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intert	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DHC</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco proposes to recomple and downhole commingle this well using the attached procedure. Also attached is our application for DHC.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) DEBORAH MARBERRY		Title REGULATORY ANALYST
Signature <i>Deborah Marberry</i>		Date 09/07/2001
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by <i>Adrienne Garcia</i>	Title Pet. Eng	Date 11/16/01
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office FFO

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

K

SAN JUAN 28-7 UNIT #100
Recomplete to Chacra and DHC with Mesa Verde
August 16, 2001

API# 300392166400 **Location:** NMPM -27N-7W-30-NE, 800' FNL, 940' FEL

MSO – Andy Ortiz (mobile 320-9575)

Objective

This project is to recomplete this well to Chacra Interval and down hole commingle with Mesa Verde production. A frac will be performed to fracture stimulate as many of the interbedded sand and shale packages as possible to enhance production. A stabilized test will be performed prior to commingling production, tubing landed at mid perforations and resume plunger lift production. Mesa Verde formation in this well is currently producing 60 Mcfgd, estimated project uplift from Chacra is 150 Mcfgd.

The following are the recommended Chacra intervals:

3245' – 3258'	13'
3277' – 3290'	13'
3294' – 3299'	5'
3310' – 3317'	7'
3319' – 3322'	3'
3328' – 3332'	4'
3351' – 3355'	4'
3429' – 3433'	4'
3436' – 3449'	13'
3452' – 3461'	9'
3464' – 3471'	7'
3475' – 3477'	2'
Total	84'

Well Data : PBTD @ 6600', TD @ 6971' Spud Date: 12/11/78

Surface Casing: 9.625", 36#, 5 jts. SW grade, set @ 226', cemented to surface.

Production Casing size: 4.5"OD, 10.5#, J-55, 203 jts., set @ 6479', TOC @ 1500' by prior record.

Production Casing size: 4.5"OD, 11.6#, J-55, 15 jts., set @ 6971', DV tools @ 2516' & 2570',

1st stage – 236sx, 2nd stage – 362sx, 3rd stage – 324sx.

MV Perforations are @ 4684' – 4929".

Tubing size: 2.375" OD, 4.7#, landed @ 4709', with SN and mule shoe on bottom.

Completion details contained in Wellview files and schematics.

SAN JUAN 28-7 UNIT #100

E/2

Recomplete to Chacra and DHC with Mesa Verde
August 16, 2001

API# 300392166400 **Location:** NMPM -27N-7W-30-NE, 800' FNL, 940' FEL

MSO – Andy Ortiz (mobile 320-9575)

Procedure

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, **WORK SAFELY!**
- 2) Kill tubing with minimum amount of KCl, tag for fill and POOH 2.375" OD tubing Standing back.
- 3) Rig up wireline and RIH with CIBP and set at 3550', bottom of Chacra @ 3477', POOH wireline.
- 4) Fill casing with water and pressure test to 1000 psi. Rig up wireline and run CBL log to verify coverage and TOC. (note: If upper casing leaks and there is no cement, we have option to back off and replace)
- 5) RIH wireline perforating gun, perforate, and frac as per Lucas Bazan's procedure.
- 6) Flow back and clean up, obtain 4 hour stabilized test.
- 7) RIH and drill out BP over MV @ 3450'. Clean out to PBTD @ 6600', unload hole and POOH stripping out, lay down drill collars and bit.
- 8) RIH production tubing and land at mid Mesa Verde perforation depth of 4750' plus or minus a joint, with SN and mule shoe on bottom. Notify operator of commingle status and to resume plunger lift production.

San Juan East Team (drw)

Cc: Central Records, and 3 Copies to Farmington Project Leads.

Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources

Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.	30-039-21664
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unti Agreement Name	SAN JUAN 28-7
8. Well No.	100
9. Pool name or Wildcat	BLANCO MESAVERDE/ OTERO CHACRA
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6050'GL	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator CONOCO, INC.

3. Address of Operator
P.O. BOX 2197 DU 3084 HOUSTON TX 77252

4. Well Location

Unit Letter A : 800 feet from the NORTH line and 940 feet from the EAST line

Section 30 Township 27N Range 7W NMPM County RIO ARRIBA

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: DHC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the Otera Chacra and Blanco Mesaverde

Perforations are:

Chacra 3245' - 3477' (proposed)

Mesaverde 4684' - 4929'

Allocation will be by subtraction

Commingle in this well will not reduce the value of the remaining production.

BLM has been notified of our intent.

In reference to Order #R-10476-B interest owners were not notified.

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

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 10/15/2001

Type or print name DEBORAH MARBERRY

Telephone No. (281)293-1005

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21664		2 Pool Code 82329		3 Pool Name OTERA CHACRA	
4 Property Code 016608		5 Property Name BLANCO MESAVERDE/ OTERO CHACRA			6 Well Number 100
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 6050'GL

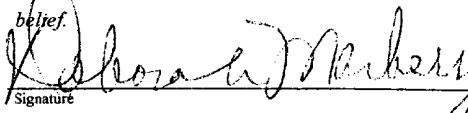
10 Surface Location


UL or lot no. A	Section 30	Township 27N	Range 7W	Lot Idn	Feet from the 800	North/South line NORTH	Feet from the 940	East/West line EAST	County RIO ARRIBA
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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 320 E/2	13 Joint or Infill I	14 Consolidation Code U		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				1008 940'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 09/07/2001 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 Surveyor:	
					Certificate Number	



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21664		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code 016608		5 Property Name BLANCO MESAVERDE/ OTERO CHACRA			6 Well Number 100
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 6050'GL


10 Surface Location

UL or lot no. A	Section 30	Township 27N	Range 7W	Lot Idn	Feet from the 800	North/South line NORTH	Feet from the 940	East/West line EAST	County RIO ARRIBA
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16		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Deborah Marberry</i> 940' Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 09/07/2001 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 Surveyor: Certificate Number	

SAN JUAN 28 7 UNIT - 100
Forecast MV/Chacra DHC

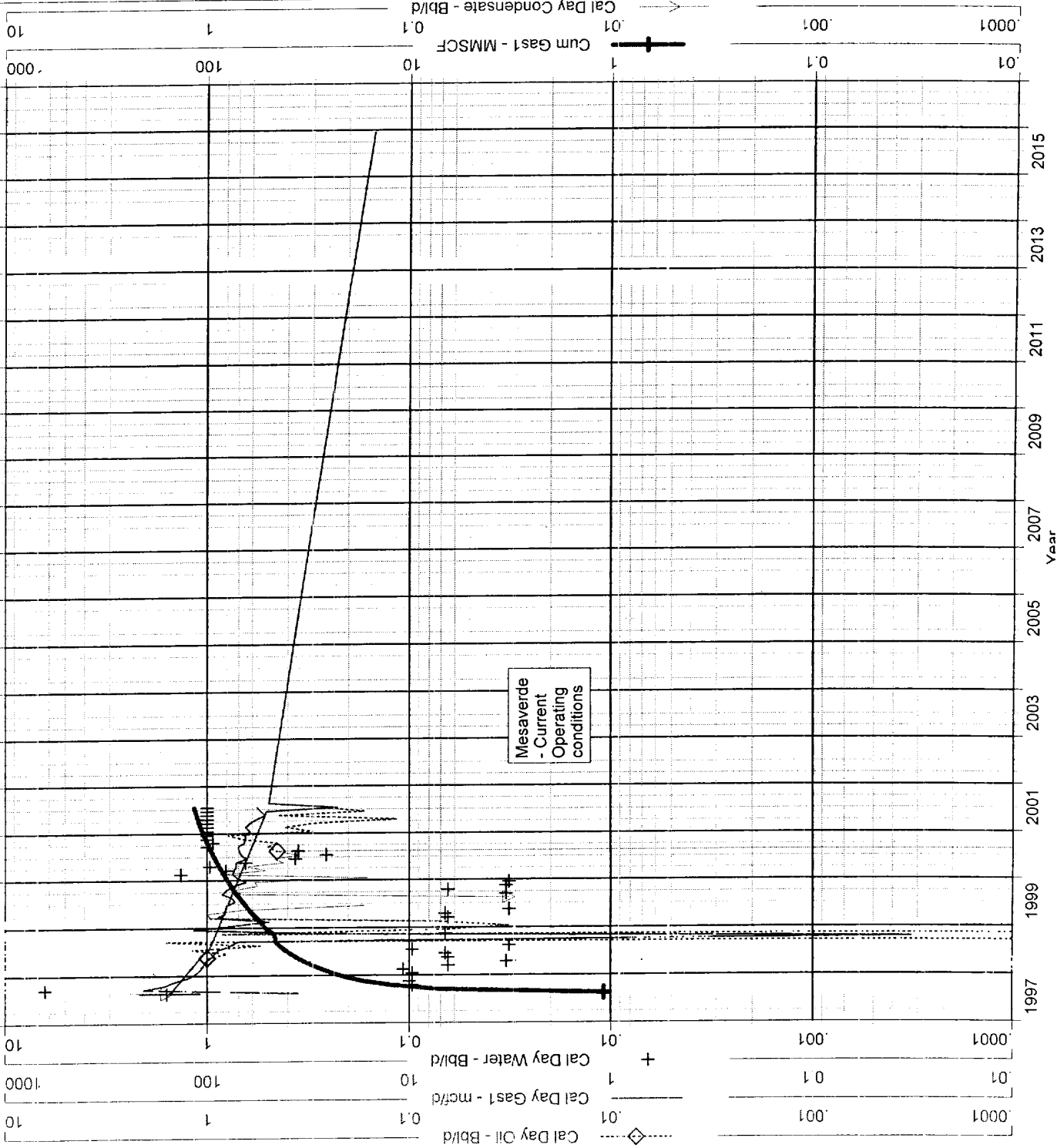
Year	Avg Rate Mcfpd	Annual Prod Mcf
2002	159	57,962
2003	112	40,790
2004	89	32,312
2005	75	27,214
2006	65	23,748
2007	58	21,211
2008	53	19,257
2009	48	17,613
2010	44	16,117
2011	40	14,746
2012	37	13,493
2013	34	12,347
2014	31	11,297
2015	28	10,337
2016	26	9,459
2017	24	8,654
2018	22	7,920
2019	20	7,246
2020	18	6,630
2021	17	6,067
2022	15	3,756

SAN JUAN 28 7 UNIT - 100 - MV (251-039-0392166472319) Data: Aug. 1997-Jul.2001

Operator: CONOCO INC
 Field: BLANCO (MESASVERDE) MV
 Zone: MESEVERDE
 Type: Gas
 Group: None

Cal Day Gas FC 1 (Rate-Time)
 qi: 155.293 mcf/d, Aug. 1997
 qf: 15.0426 mcf/d, Dec. 2015
 di(Exp): 36.4752 CTD: 115.987 MMSCF
 RR: 152.623 MMSCF Tot: 268.61 MMSCF

Production Cums
 Oil: 0.36547 MSTB
 Gas: 115.987 MMSCF
 Water: 0.751 MSTB
 Cond: 0.781 MSTB



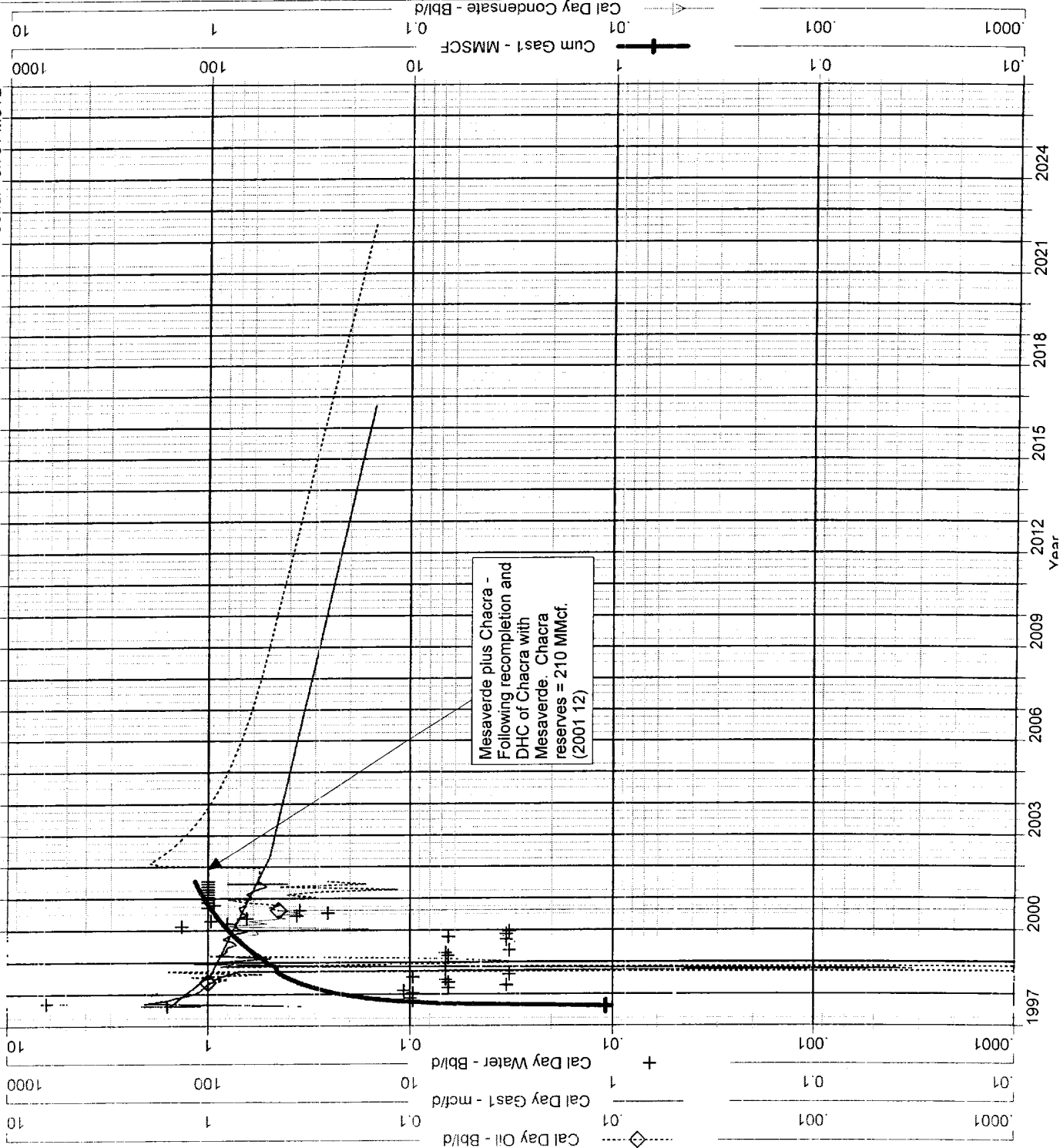
---◇--- Cal Day Oil - Bbl/d
 Cum: 0.36547 MSTB
 --- Cal Day Gas 1 - mcf/d
 Cum: 115.987 MMSCF
 ---◇--- Cal Day Gas FC 1 - mcf/d
 versus time
 Qi: 155.293 mcf/d, Aug. 1997
 Qf: 15.0426 mcf/d, Dec. 2015
 Di:(Exponential) : 36.4752
 RR: 152.623 MMSCF
 EUR: 268.61 MMSCF
 Corr coeff: N/A
 + Cal Day Water - Bbl/d
 Cum: 0.751 MSTB
 --- Cal Day Condensate - Bbl/d
 Cum: 0.781 MSTB

SAN JUAN 28 7 UNIT - 100 - MV (251-039-0392166472319) Data: Aug. 1997-Jul. 2001

Operator: CONOCO INC
 Field: BLANCO (MESASVERDE) MV
 Zone: MESEVERDE
 Type: Gas
 Group: None

Forecast w/ Chacra (Rate-Time)
 qi: 57.45 mcf/d, Jun. 2001
 qf: 15.0402 mcf/d, Aug. 2022
 di(Exp): 5.94493 CTD: 115.987 MMSCF
 RR: 376.882 MMSCF Tot: 492.869 MMSCF

Production Cums
 Oil: 0.36547 MSTB
 Gas: 115.987 MMSCF
 Water: 0.751 MSTB
 Cond: 0.781 MSTB



Cal Day Oil - Bbl/d
 Cum: 0.36547 MSTB
 Cal Day Gas - mcf/d
 Cum: 115.987 MMSCF
 Cal Day Gas FC 1 - mcf/d
 versus time
 Qi: 155.293 mcf/d, Aug. 1997
 Qf: 15.0489 mcf/d, Sep. 2016
 Di(Exponential) : 36.4752
 RR: 167.391 MMSCF
 EUR: 283.378 MMSCF
 Corr coeff: N/A

Forecast w/ Chacra - mcf/d
 versus time
 Qi: 57.45 mcf/d, Jun. 2001
 Qf: 15.0402 mcf/d, Aug. 2022
 Di(Exponential) : 5.94493
 RR: 376.882 MMSCF
 EUR: 492.869 MMSCF
 Corr coeff: -0.060989

Cal Day Water - Bbl/d
 Cum: 0.751 MSTB
 Cum Gas - MMSCF
 Cum: 0
 Cal Day Condensate - Bbl/d
 Cum: 0.781 MSTB