

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96**APPROVAL PROCESS :**☒ Administrative ☐ Hearing**EXISTING WELLBORE**YES ☒ NO**APPLICATION FOR DOWNHOLE COMMINGLING****Burlington Resources Oil & Gas Company**

PO Box 4289, Farmington, NM 87499

Operator

Address

Jicarilla 150**4B****L 11-26N-05W****Rio Arriba**

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 16344 API NO. 30-039-26212 Federal ☒ , State , (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Otero Chacra - 82329		Blanco Mesaverde - 72319
2. Top and Bottom of Pay Section (Perforations)	will be supplied upon completion		will be supplied upon completion
3. Type of production (Oil or Gas)	gas		gas
4. Method of Production (Flowing or Artificial Lift)	flowing		flowing
5. Bottomhole Pressure	(Current) a. 337 psi (see attachment)		a. 635 psi (see attachment)
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 873 psi (see attachment)		b. 1051 psi (see attachment)
6. Oil Gravity (API) or Gas BTU Content	BTU 1180		BTU 1247
7. Producing or Shut-In?	shut in		shut in
Production Marginal? (yes or no)	no		no
* If Shut-In and oil/gas/water rates of last production	Date: n/a Rates:		Date: n/a Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data			
* If Producing, give data and	Date: n/a		Date: n/a

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 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

*API Number 30-039-26212		*Pool Code 82329/72319	*Pool Name Otero Chacra/Blanco Mesaverde	
*Property Code 16344	*Property Name JICARILLA 150			*Well Number 4B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevation 7129'

¹⁰ Surface Location

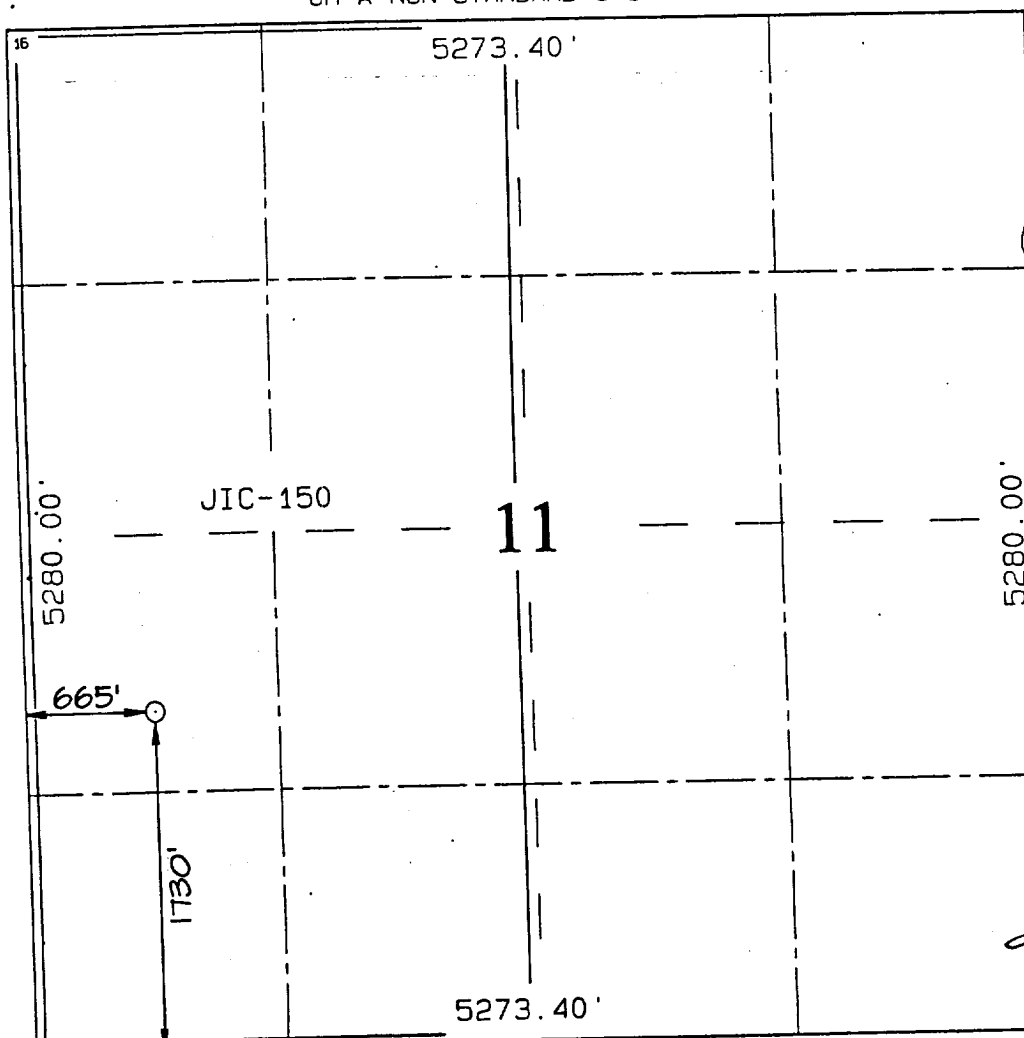
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
L	11	26N	5W		1730	SOUTH	665	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

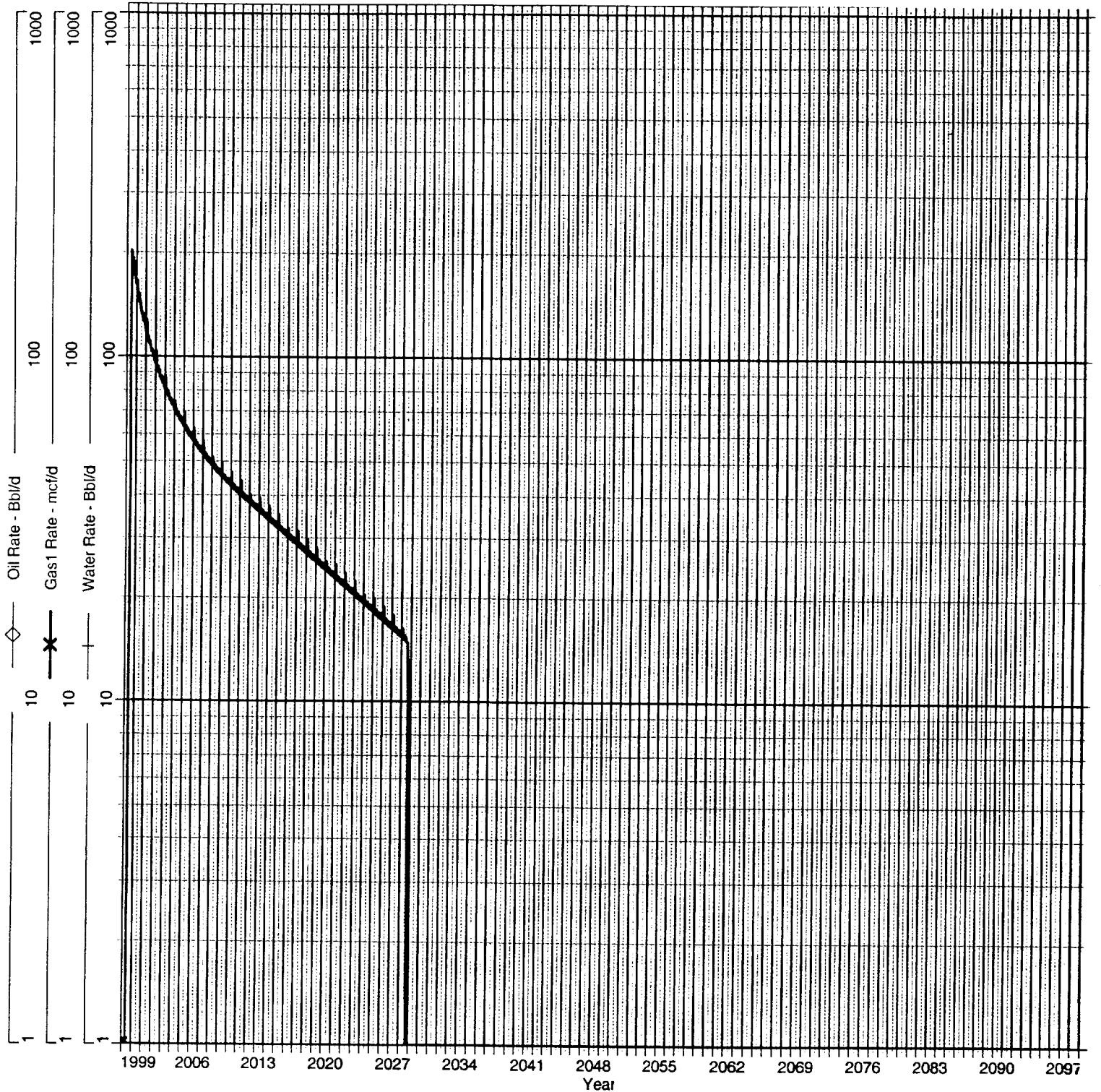
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres Cha-160/MV-W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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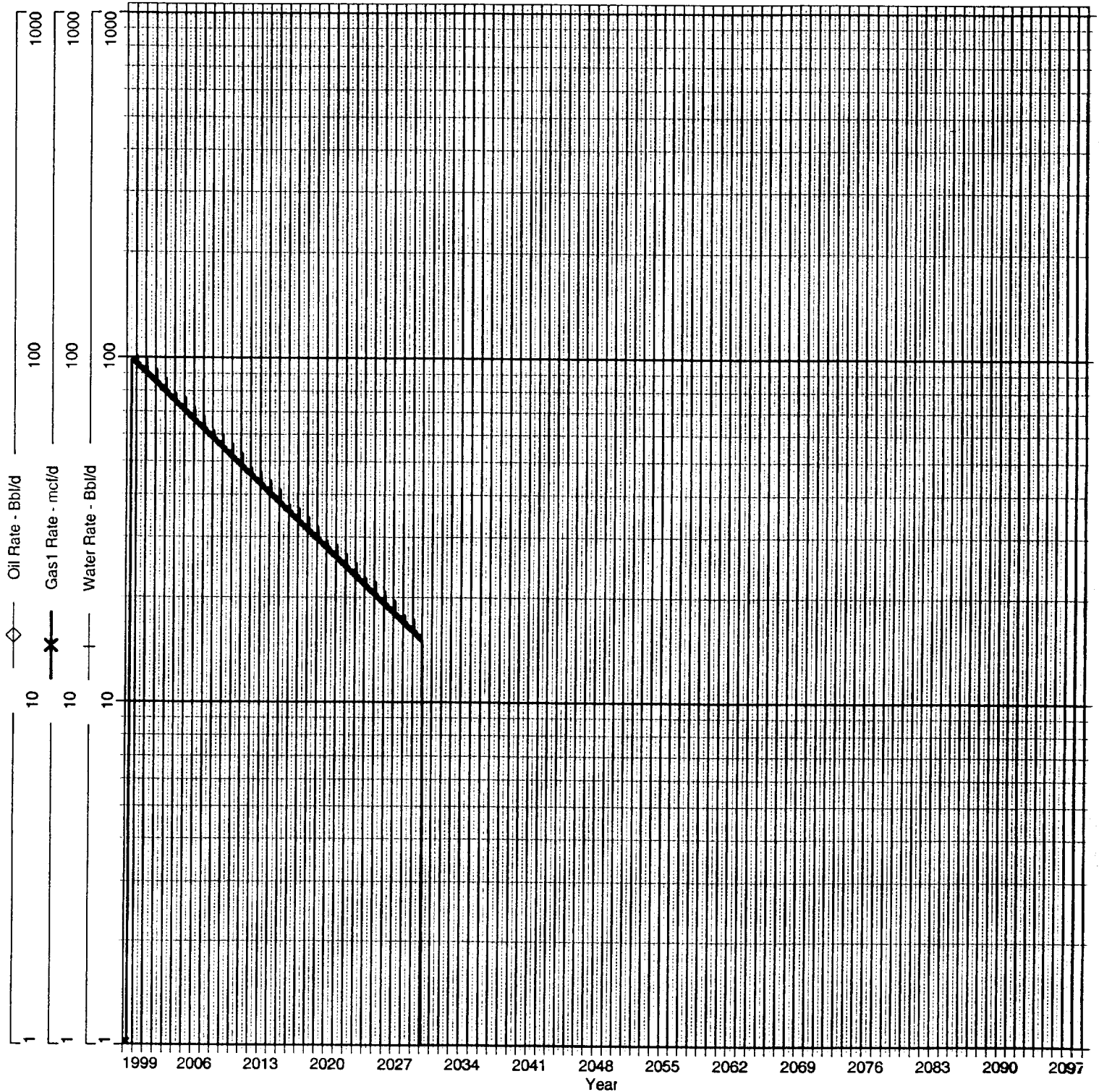
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Peggy Cole</i> Signature Peggy Cole Printed Name Regulatory Administrator Title 11-17-99 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. JANUARY 12, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certification Number

JICARILLA 150 #4B
EXPECTED PRODUCTION
MESAVERDE FORMATION



JICARILLA 150 #4B
EXPECTED PRODUCTION
CHACRA FORMATION



Jicarilla 150 #4B
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Chacra		Mesaverde	
<u>CH-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0.671	GAS GRAVITY	0.721
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.51	%N2	0.26
%CO2	0.26	%CO2	0.9
%H2S	0	%H2S	0
DIAMETER (IN)	1.25	DIAMETER (IN)	2
DEPTH (FT)	3276	DEPTH (FT)	5390
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	312	SURFACE PRESSURE (PSIA)	549
BOTTOMHOLE PRESSURE (PSIA)	337.2	BOTTOMHOLE PRESSURE (PSIA)	634.8
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.671	GAS GRAVITY	0.721
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.51	%N2	0.26
%CO2	0.26	%CO2	0.9
%H2S	0	%H2S	0
DIAMETER (IN)	1.25	DIAMETER (IN)	2
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BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	802	SURFACE PRESSURE (PSIA)	900
BOTTOMHOLE PRESSURE (PSIA)	872.6	BOTTOMHOLE PRESSURE (PSIA)	1051.2

JICARILLA 150 #4B

MESAVERDE OFFSET

<u>Well Name</u>	<u>Date</u>	<u>Pressure</u>
JICARILLA 150 4A	1/31/79	900
JICARILLA 150 4A	4/1/79	632
JICARILLA 150 4A	9/25/81	556
JICARILLA 150 4A	5/2/84	573
JICARILLA 150 4A	3/12/86	573
JICARILLA 150 4A	11/1/89	567
JICARILLA 150 4A	1/29/91	539
JICARILLA 150 4A	2/12/91	551
JICARILLA 150 4A	4/29/93	549

JICARILLA 150 #4B

CHACRA OFFSET

<u>Well Name</u>	<u>Date</u>	<u>Pressure</u>
VAUGHN 11	4/29/70	802
VAUGHN 11	4/14/71	469
VAUGHN 11	8/1/72	428
VAUGHN 11	8/28/73	406
VAUGHN 11	4/28/75	260
VAUGHN 11	3/1/93	312

JICARILLA 150 #4B
CHACRA / MESAVERDE
26N - 5W - 11L

