

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 2040 South Pacheco, Santa Fe, NM 87505



2534

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [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 - Directional Drilling
 NSL NSP DD SD

NOV 22 1999
 OIL CONSERVATION DIVISION

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

[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] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

[Handwritten Signature]

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

District III
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

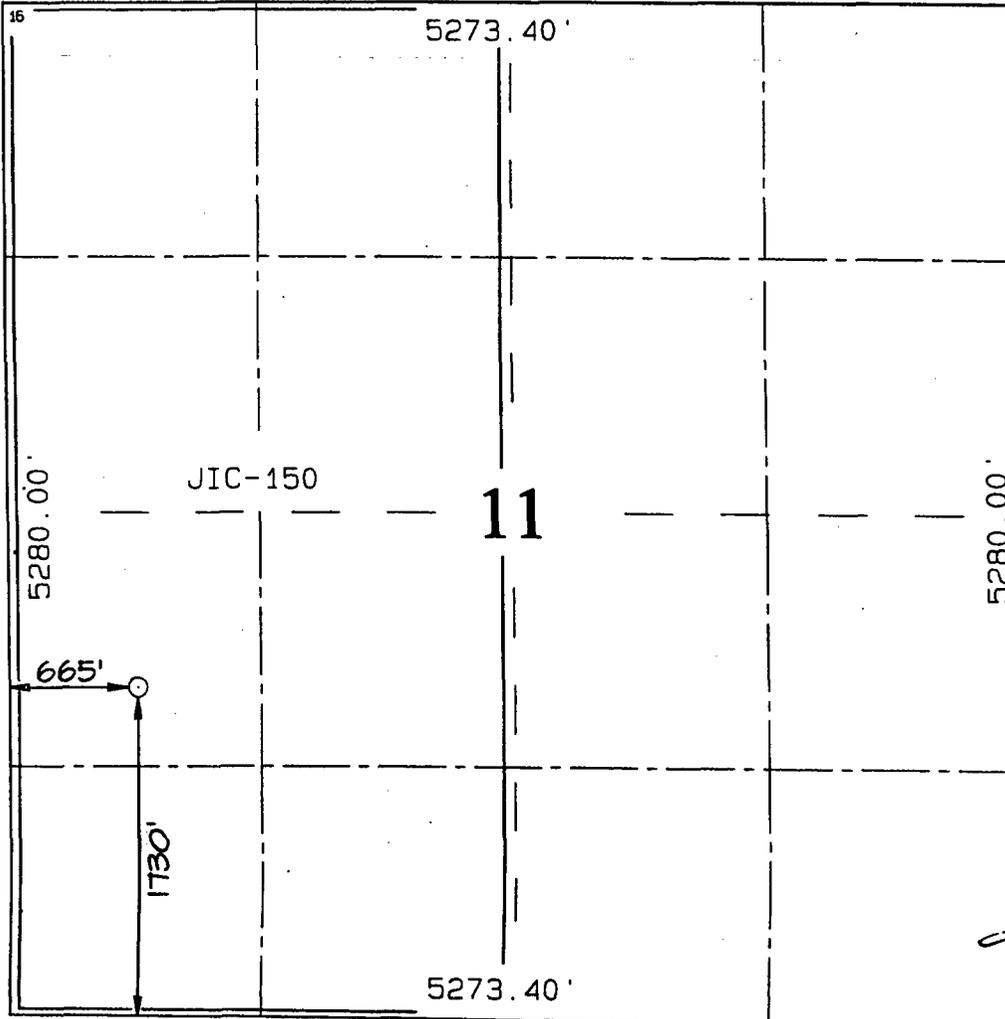
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	26N	5W		1730	SOUTH	665	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres Gha-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

Peggy Cole
Signature

Peggy Cole
Printed Name

Regulatory Administrator
Title

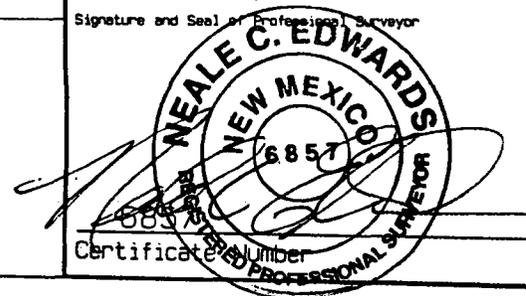
11-17-99
Date

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.

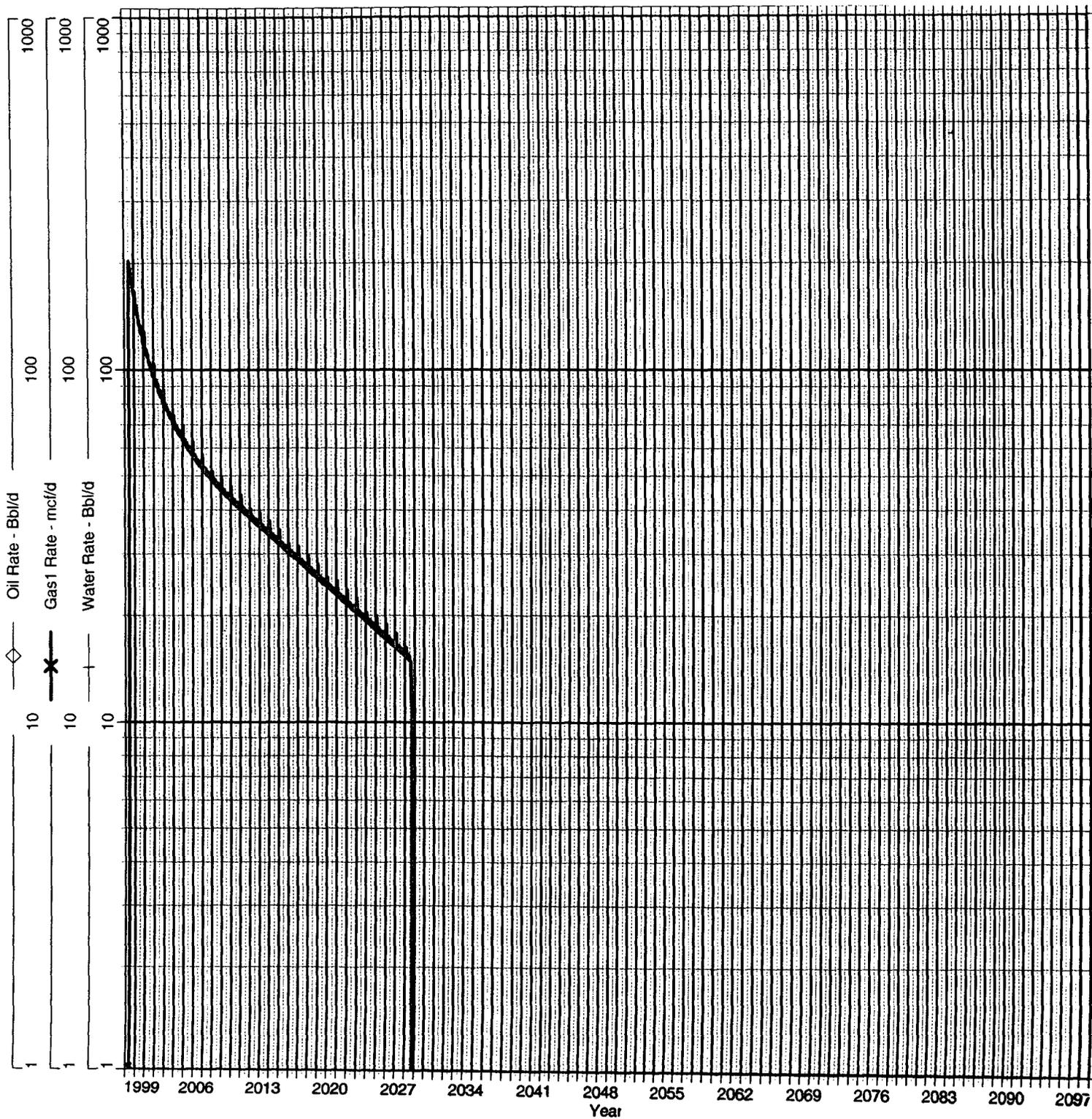
JANUARY 12, 1999
Date of Survey

Signature and Seal of Professional Surveyor

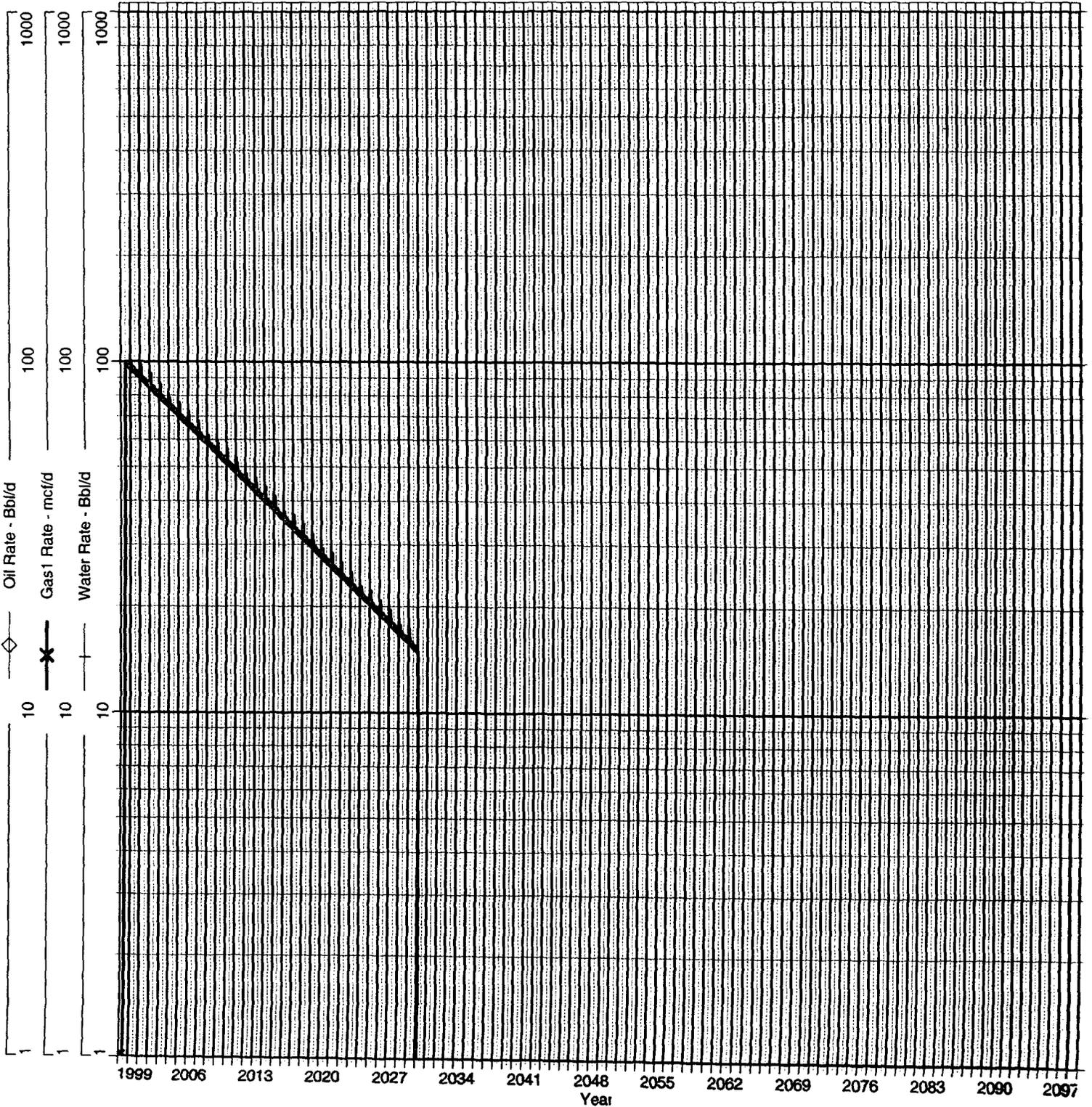


Certificated Number

JICARILLA 150 #4B
EXPECTED PRODUCTION
MESAVERDE FORMATION



JICARILLA 150 #4B
EXPECTED PRODUCTION
CHAGRA 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
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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
GHACRA 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

