

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

San Juan 27-4 Unit

Address

53M J 30-27N-04W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538

Property Code 7452

API NO. 30-039-not assigned

Federal x

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	Blanco Mesaverde - 72319		Basin Dakota - 71599
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 Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 689 psi (see attachment) (Original) b. 1371 psi (see attachment)		a. 1245 psi (see attachment) b. 3179 psi (see attachment)
6. Oil Gravity (API) or Gas BTU Content	BTU 1184		BTU 1226
7. Producing or Shut-In?	shut in		shut in
Production Marginal? (yes or no)	no		yes
* If Shut-In and oil/gas/water rates of last production <small>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data</small>	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: % Gas: % will be supplied upon completion	Oil: % Gas: %	Oil: % Gas: % will be supplied upon completion

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones?
If not, have all working, overriding, and royalty interests been notified by certified mail?
Have all offset operators been given written notice of the proposed downhole commingling?
11. Will cross-flow occur? _X_ Yes ___ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. _X_ Yes ___ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ___X_ Yes ___ No
13. Will the value of production be decreased by commingling? ___ Yes _X_ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. _X_ Yes ___ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). attached
16. 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 all offset operators.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Sean Woolverton

TITLE: Production Engineer

DATE: 02-23-98

TYPE OR PRINT NAME Sean Woolverton

TELEPHONE NO. (505) 326-9700

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-
Revised February 21, 1
Instructions on b
Submit to Appropriate District Of
State Lease - 4 Co
Fee Lease - 3 Co

☐ AMENDED REPC

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name	
Property Code		Property Name SAN JUAN 27-4 UNIT			Well Number # 53M
OGRID No.		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6733

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
J	30	27 N	4 W		2005	SOUTH	1595	EAST	RIO ARRI

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.

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

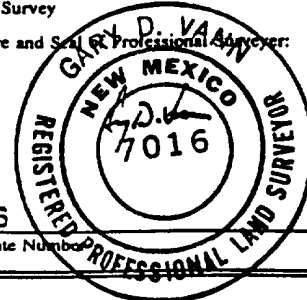
BLM RECORD 5196.84'	16 Lot 1	5293'(R)	NMSF- 080670 30 5280'(R)	17 OPERATOR CERTIFICATIO I hereby certify that the information contained herein is true and complete to the best of my knowledge and bel Signature Printed Name Title Date
	Lot 2			
	Lot 3	1595'		
	Lot 4	2005'		

7016
Certificate Number

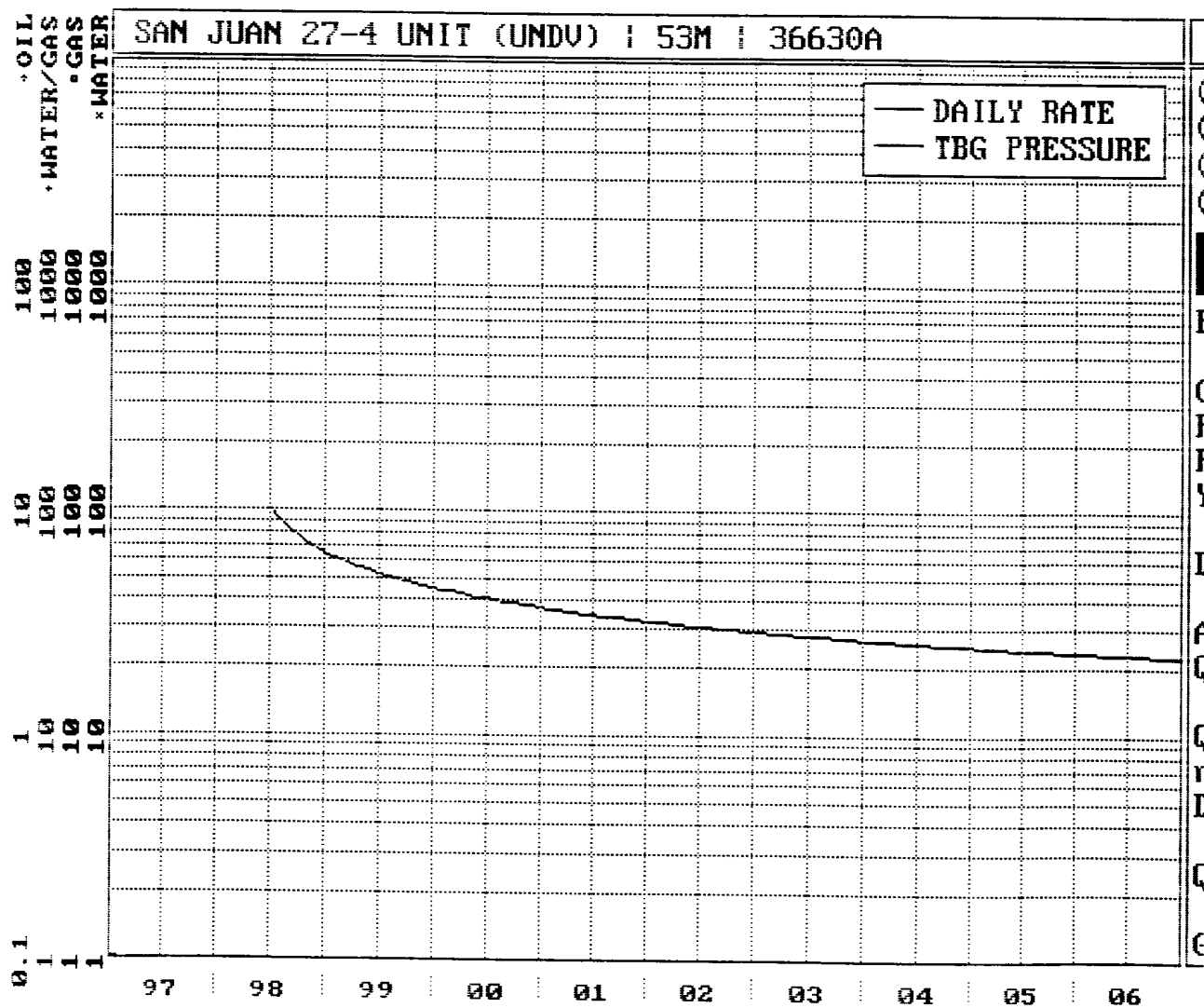
(R) - GLO RECORD 5292'(R)

November 21, 1997
Date of Survey

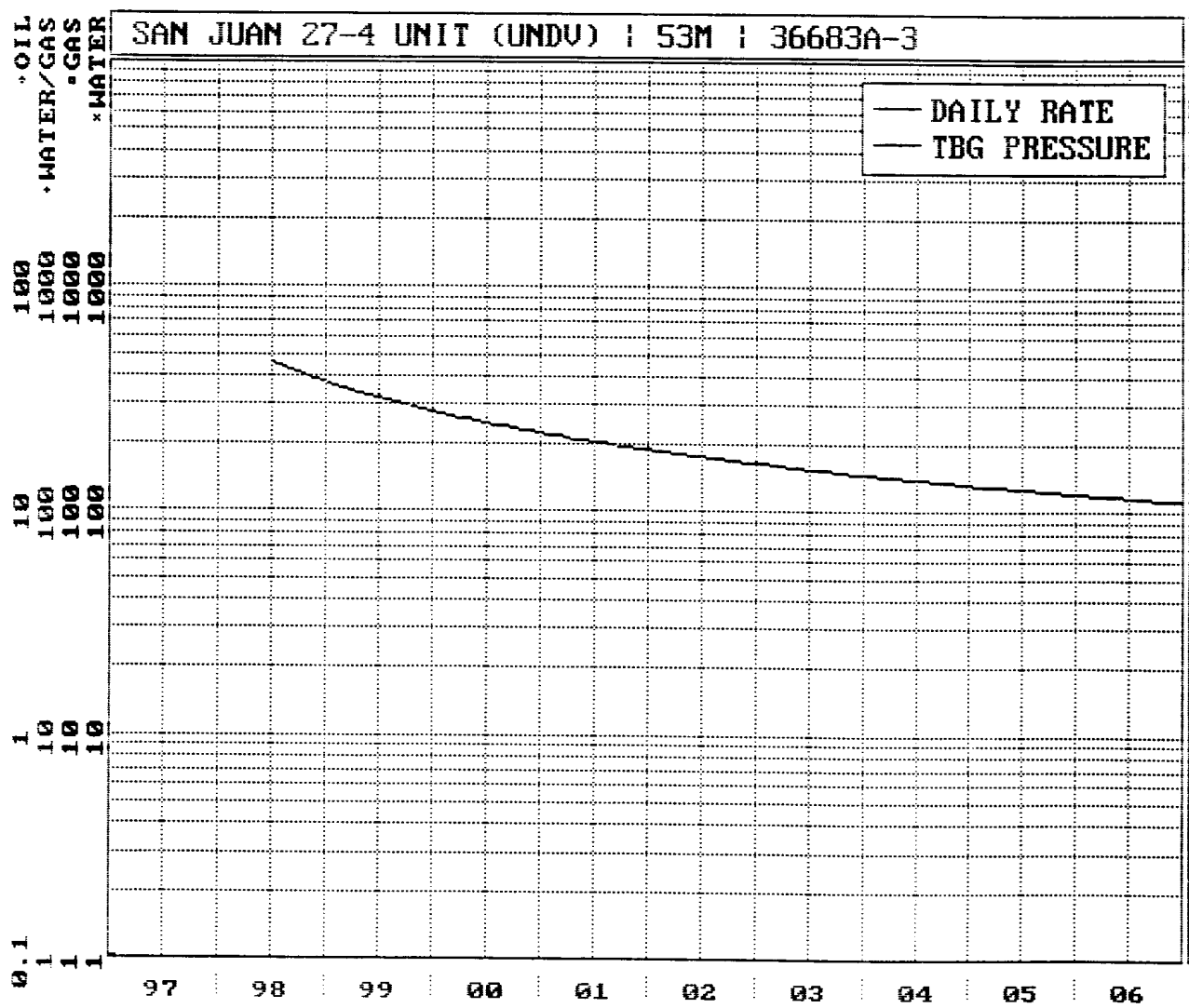
Signature and Seal of Professional Surveyor:



San Juan 27-4 Unit #53M
Expected Production Curve
Blanco Mesaverde



San Juan 27-4 Unit #53M
Expected Production Curve
Basin Dakota



Mesaverde**MV-Current**

GAS GRAVITY	0.692
COND. OR MISC. (C/M)	C
%N2	0.25
%CO2	0.77
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5874
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	592
BOTTOMHOLE PRESSURE (PSIA)	689.2

Dakota**DK-Current**

GAS GRAVITY	0.724
COND. OR MISC. (C/M)	C
%N2	0.38
%CO2	0.98
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	8159
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	996
BOTTOMHOLE PRESSURE (PSIA)	1244.7

MV-Original

GAS GRAVITY	0.692
COND. OR MISC. (C/M)	C
%N2	0.25
%CO2	0.77
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5874
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1159
BOTTOMHOLE PRESSURE (PSIA)	1370.7

DK-Original

GAS GRAVITY	0.724
COND. OR MISC. (C/M)	C
%N2	0.38
%CO2	0.98
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	8159
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2503
BOTTOMHOLE PRESSURE (PSIA)	3178.6

Print Time: Mon Jan 19 11:36:05 1998

Property ID: 3788

Property Name: SAN JUAN 27-4 UNIT | 17 | 53312B-1

Table Name: K:\ARIES\RR98PDP\TEST.DBF

--DATE-- M SIWHP

:Psi:

San Juan 27-4 Unit #53MMesaverde offset

07/10/58	1159.0	-original
07/31/58	1146.0	
09/22/59	659.0	
05/29/60	639.0	
05/28/61	665.0	
08/06/62	602.0	
04/19/63	626.0	
07/02/64	673.0	
05/10/65	564.0	
04/19/66	561.0	
05/16/67	570.0	
09/23/68	584.0	
08/28/70	563.0	
04/08/71	547.0	
08/09/72	582.0	
04/21/86	530.0	
09/08/89	538.0	
06/03/91	604.0	
06/17/91	592.0	-current

Print Time: Mon Jan 19 11:36:21 1998

Property ID: 1644

Property Name: SAN JUAN 27-4 UNIT | 52 | 51795A-1

Table Name: K:\ARIES\RR98PDP\TEST.DBF

--DATE-- M SIWHP

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San Juan 27-4 Unit #53M

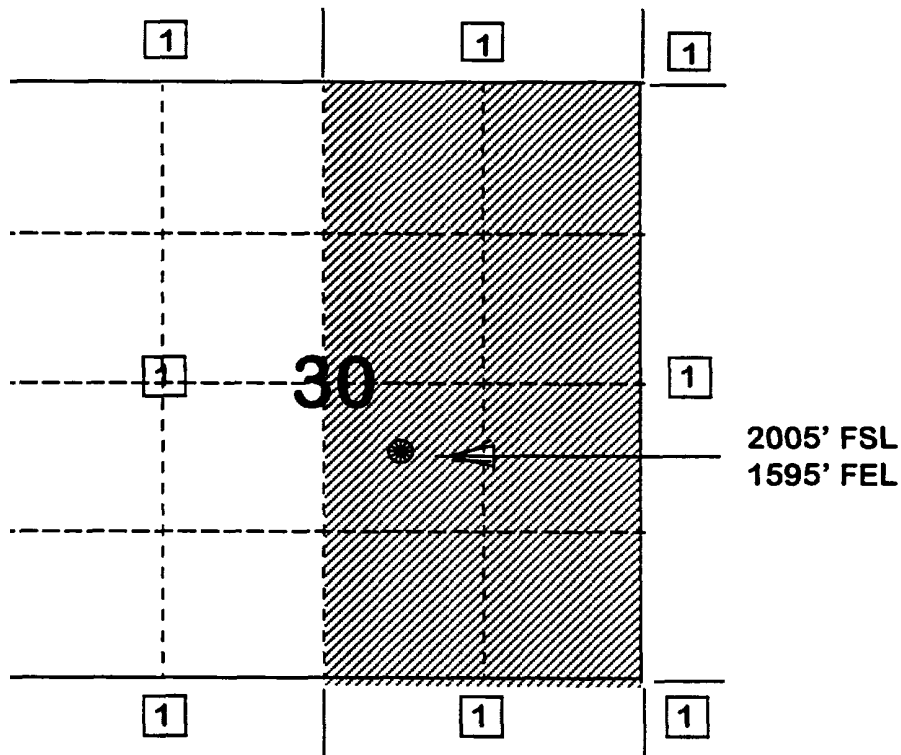
Dakota Offset

10/29/68	2503.0	-original
06/13/69	1505.0	
09/28/70	1013.0	
05/18/71	992.0	
06/13/72	777.0	
06/24/75	854.0	
07/06/77	954.0	
05/29/80	1132.0	
11/03/81	1222.0	
09/19/83	1370.0	
05/20/85	910.0	
10/16/88	992.0	
06/06/90	795.0	
11/16/92	996.0	-current

San Juan 27-4 Unit #53M
OFFSET OPERATOR \ OWNER PLAT

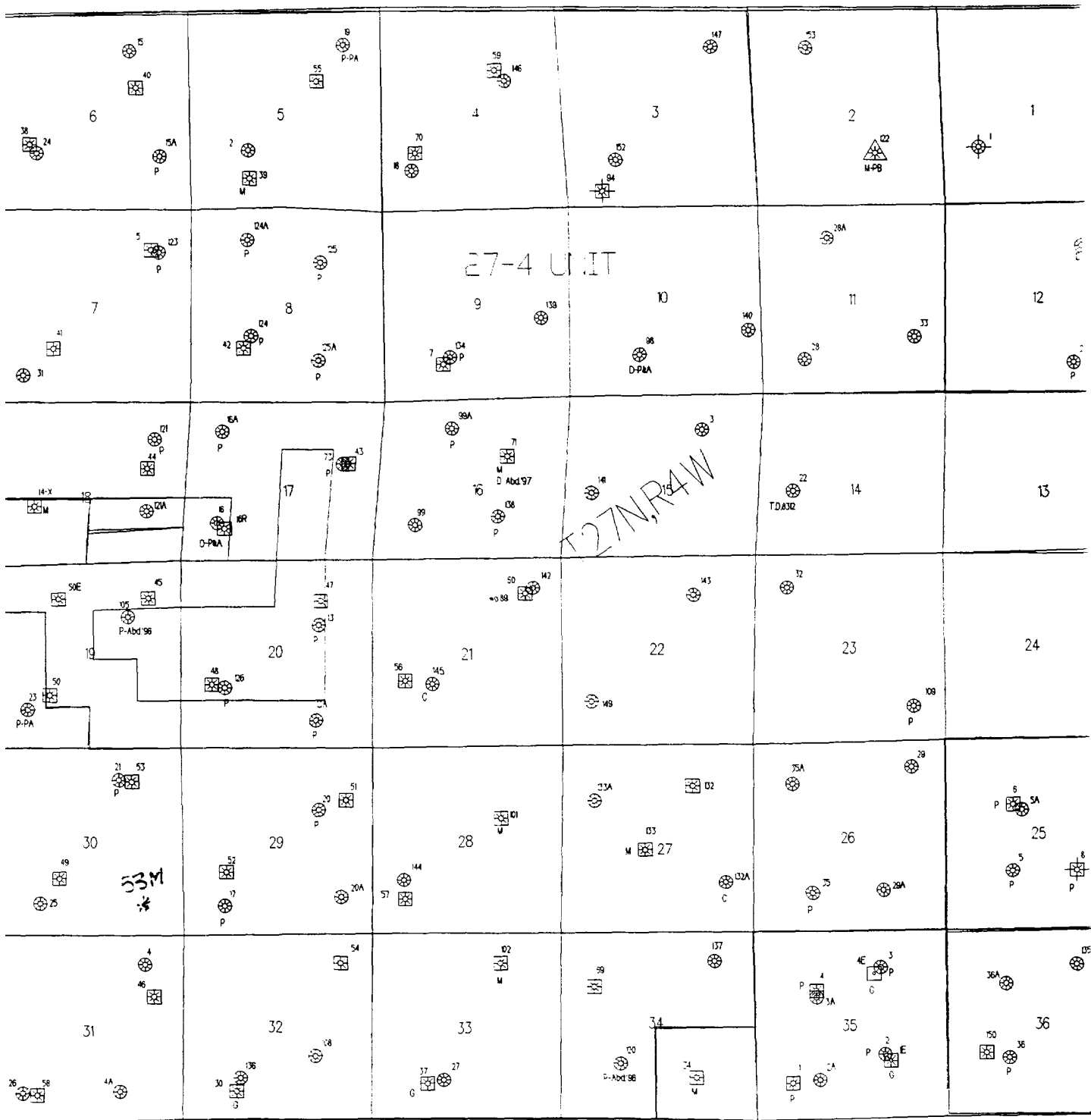
de / Dakota Formations Commingle Well

Township 27 North, Range 4 West



1) Burlington Resources

San Juan 27-4 Unit #53M
Blanco Mesaverde/ Basin Dakota
27N-4W-30P



02/24/98

J-I-B SCHEDULE

LWR270N

INQUIRE

<WELLSTF

WELL: 35538A SAN JUAN 27-4 UNIT 37M

=====		
CO-OWNER	BILLING %	TOTAL %
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028359 CINCO GENERAL PARTNERSHIP	12.359707	
028873 BEDROCK LIMITED PARTNERSHIP	.923260	
029669 TEMPE LTD PARTNERSHIP	.923260	
030573 HARCO LTD PTSHP	.923258	
105291 JAMES V HARRINGTON	.923258	
105292 MARY JONE CHAPPELL	.923259	
999810 BURLINGTON RESOURCES OIL & GAS	83.023998	
		100.000000

ENTER=NEXT PAGE

PF11=PAGE BACK

PF12=MENU

PF24=HELP