

ABOVE THIS LINE FOR DIVISION USE ONLY

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



2057

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

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]

Print or Type Name

Signature

Title

Date

District I
 PO Box 1980, Hobbs NM 88241-1980
 District II
 PO Drawer KK, Artesia, NM 87211-0719
 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, 1998
 Instructions on
 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-		2 Pool Code 72319/71599		3 Pool Name Blanco Mesaverde/Basin Dakota	
4 Property Code 7452		5 Property Name SAN JUAN 27-4 UNIT			6 Well Number # 102M
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 7185

10 Surface Location

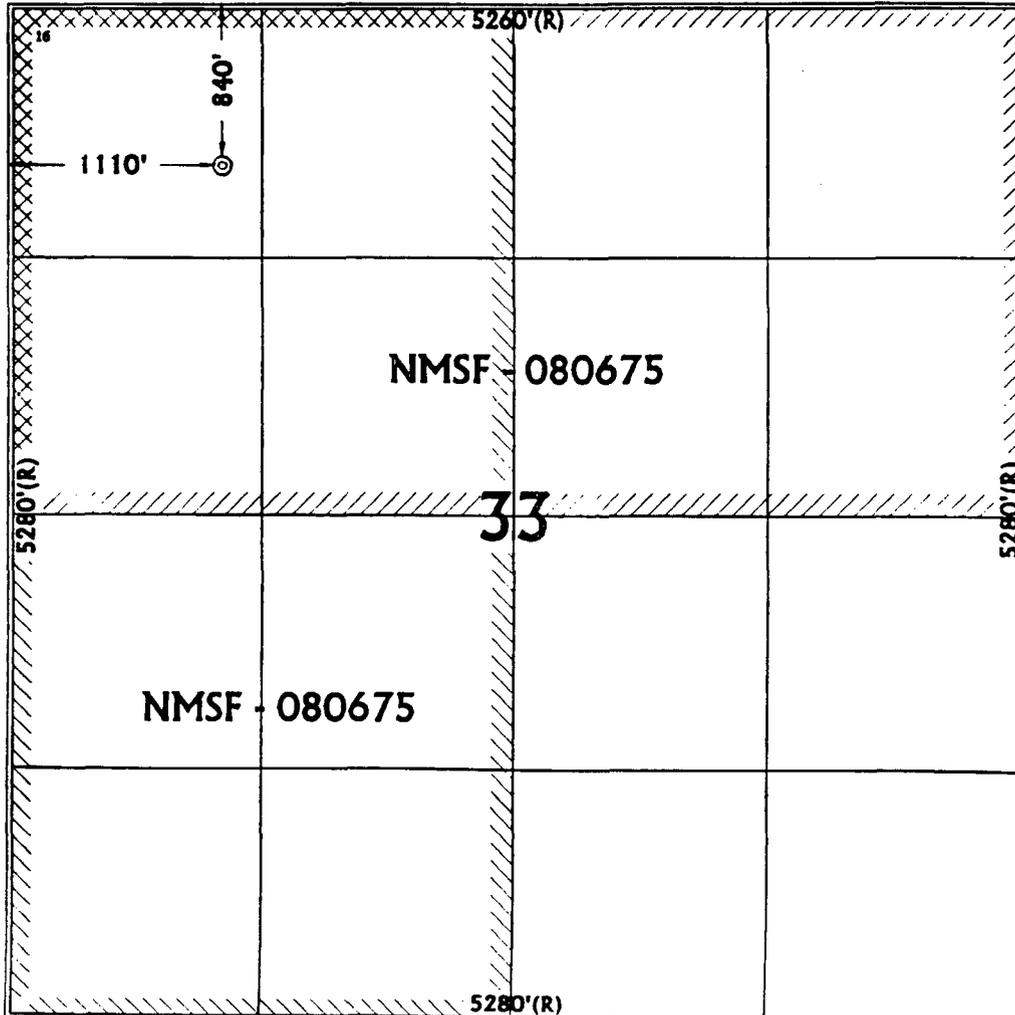
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	27 N	4 W		840	NORTH	1110	WEST	RIO ARR

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 MV-W/320 DK-N/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 INTEREST HAVE BEEN CONSOLIDATED
 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

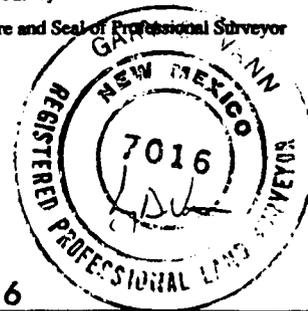


17 OPERATOR CERTIFICATION
 I hereby certify that the information contained hereon is true and complete to the best of my knowledge and belief.

Signature
 Peggy Bradfield
 Printed Name
 Regulatory Administrator
 Title
 Date

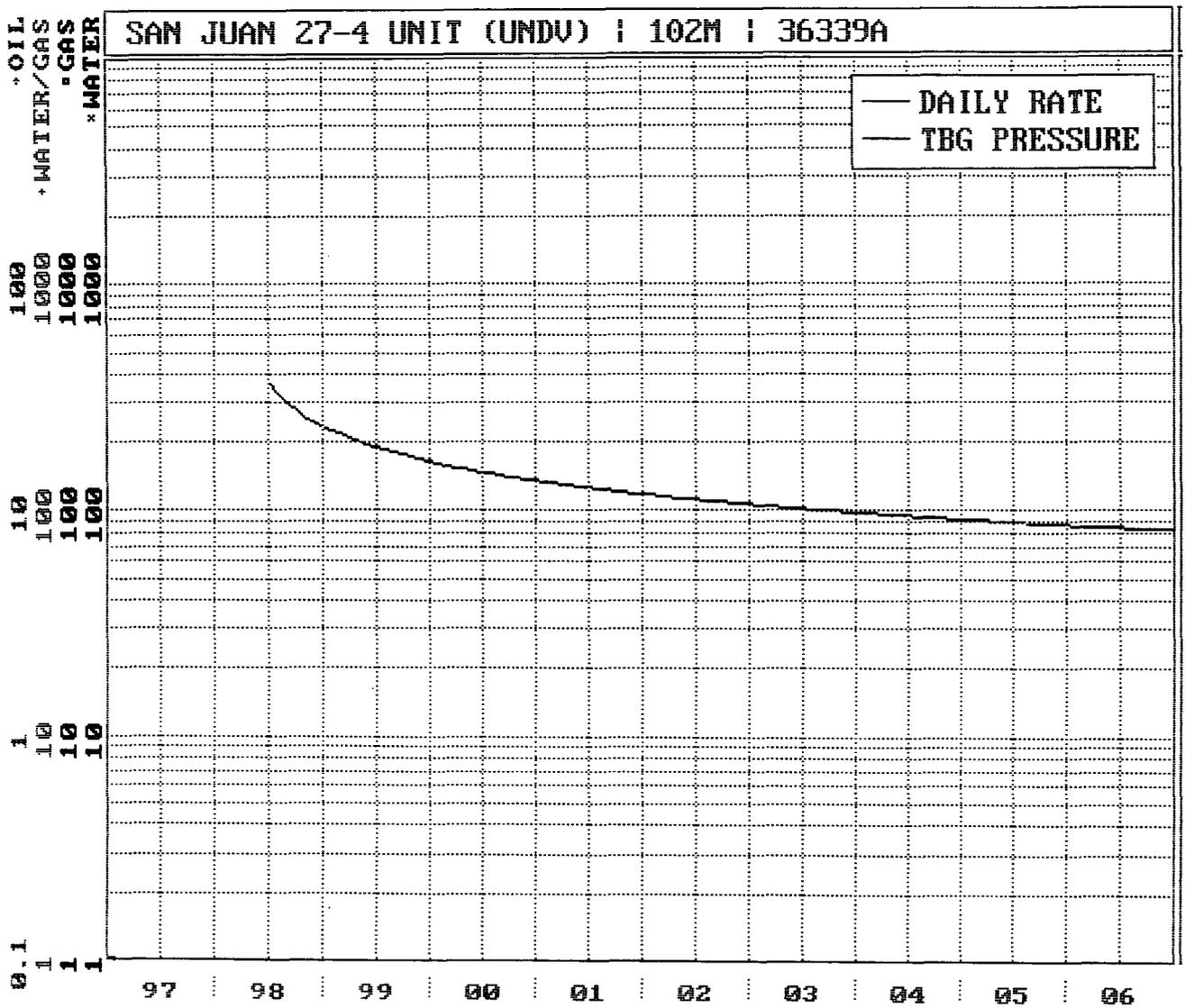
18 SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

February 23, 1998
 Date of Survey
 Signature and Seal of Registered Professional Surveyor

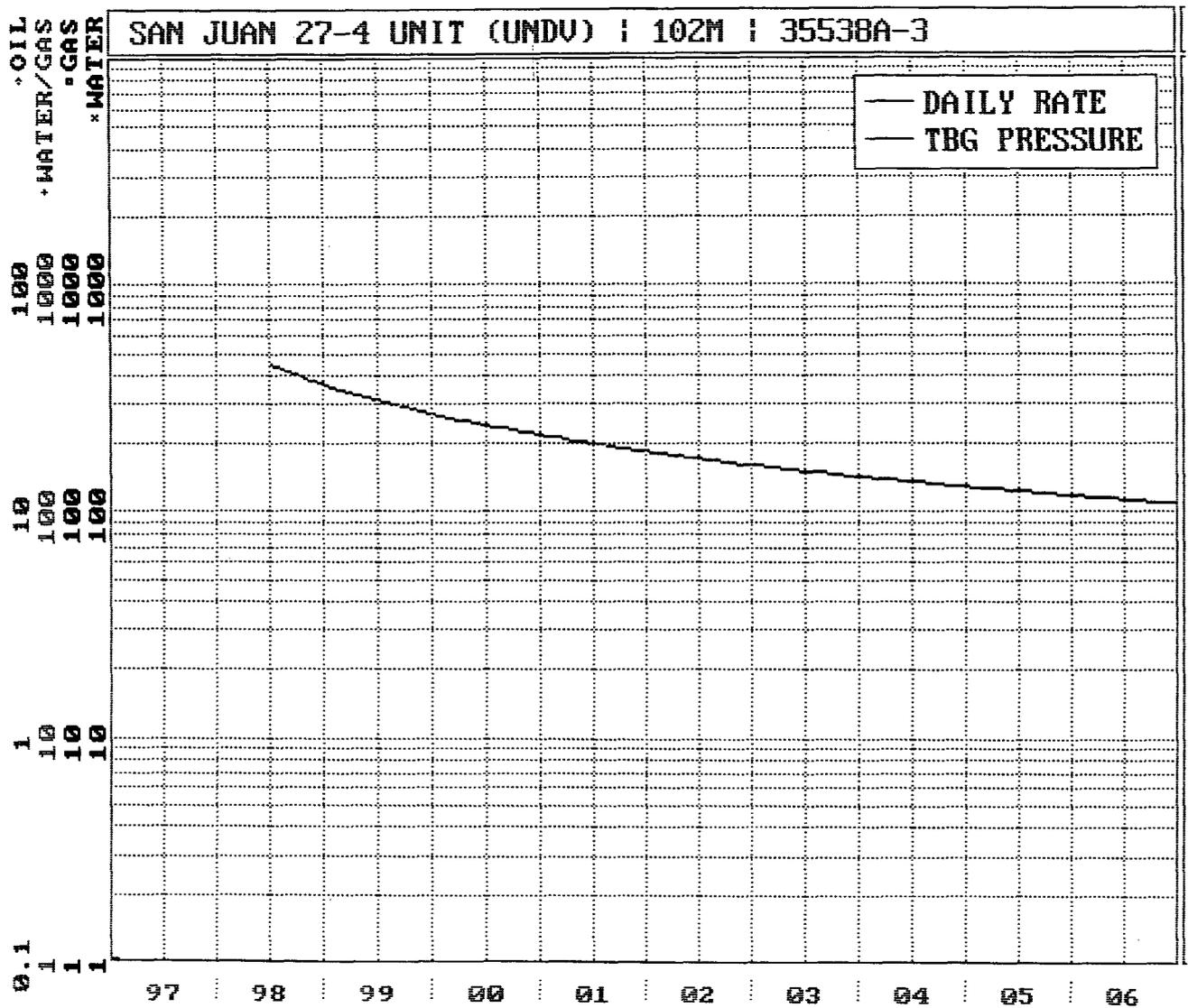


7016
 Certificate Number

San Juan 27-4 Unit #102M
 Expected Production Curve
 Blanco Mesaverde



San Juan 27-4 Unit #102M
Expected Production Curve
Basin Dakota



SJ 27-4 Unit #102M
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

Mesaverde		Dakota	
<u>MV-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.7	GAS GRAVITY	0.714
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.23	%N2	0.29
%CO2	0.83	%CO2	0.91
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	2.375
DEPTH (FT)	6387	DEPTH (FT)	8163
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	574	SURFACE PRESSURE (PSIA)	892
BOTTOMHOLE PRESSURE (PSIA)	678.4	BOTTOMHOLE PRESSURE (PSIA)	1106.6
<u>MV-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.7	GAS GRAVITY	0.714
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
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BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1170	SURFACE PRESSURE (PSIA)	2372
BOTTOMHOLE PRESSURE (PSIA)	1409.1	BOTTOMHOLE PRESSURE (PSIA)	3004.0

Page No.: 1
Print Time: Wed Jan 14 16:08:51 1998
Property ID: 1646
Property Name: SAN JUAN 27-4 UNIT | 54 | 51794A-1
Table Name: K:\ARIES\RR98PDP\TEST.DBF

--DATE-- M SIWHP
■■■■■■■■■■ ■■■Psi■■■

10/16/68	2372.0	-original
06/13/69	1405.0	
06/24/70	1040.0	
05/18/71	921.0	
06/13/72	812.0	
07/06/77	822.0	
05/01/79	821.0	
06/01/81	723.0	
05/20/85	972.0	
04/22/90	983.0	
06/15/93	892.0	-current

San Juan 27-4 Unit # 102M
Dakota Offset

Page No.: 1

Print Time: Wed Jan 14 16:08:58 1998

Property ID: 3769

Property Name: SAN JUAN 27-4 UNIT | 136 | 44664A-1

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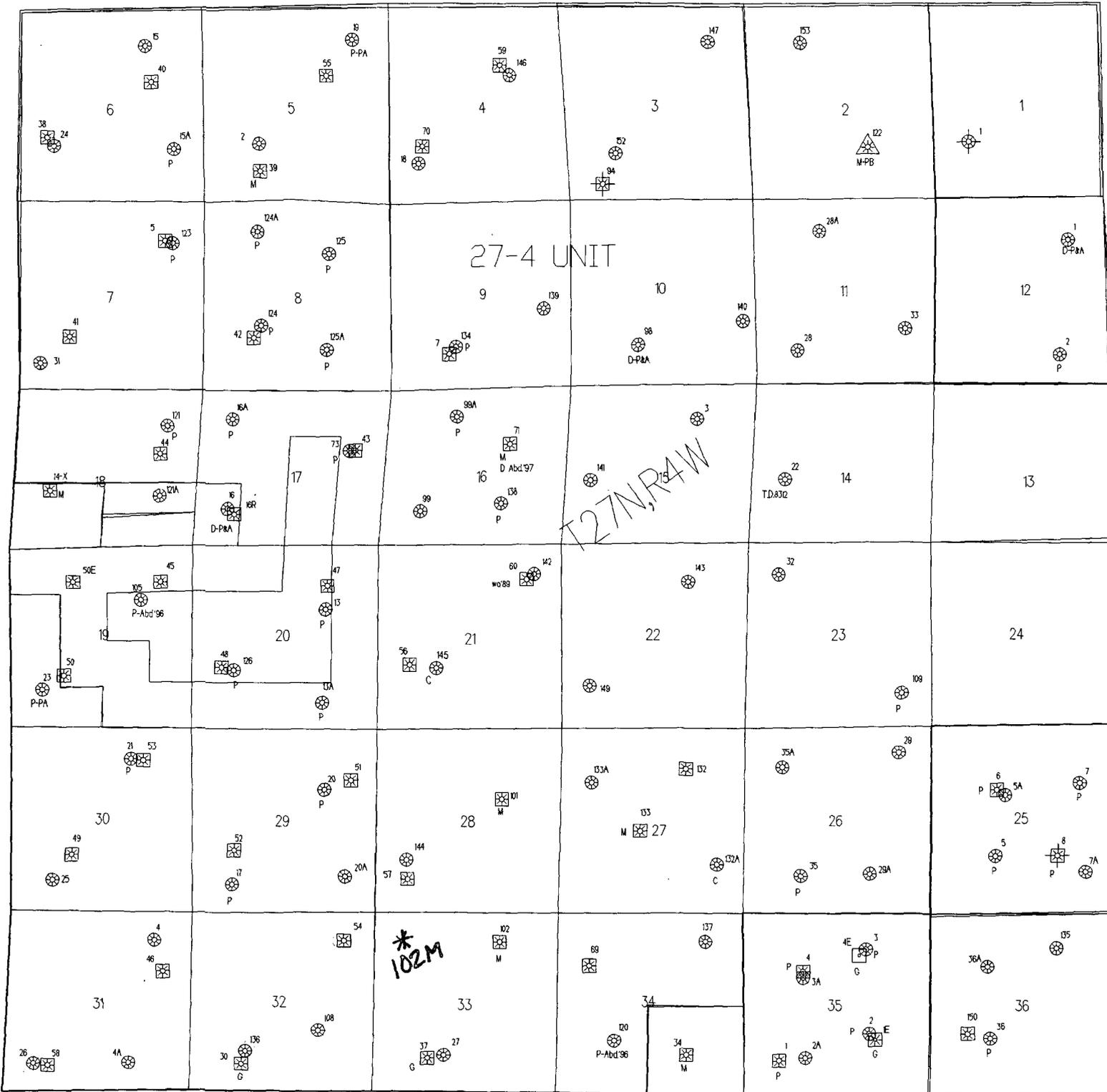
--DATE-- M SIWHP
■■■■■■■■■■ ■■■Psi■■■

01/07/80	1170.0	- original
01/14/80	1171.0	
07/07/80	831.0	
11/05/81	691.0	
11/05/82	670.0	
05/18/84	724.0	
11/03/86	602.0	
09/11/89	603.0	
09/18/91	797.0	
11/18/91	785.0	
07/30/93	574.0	- current

San Juan 27-4 Unit #102M

Mesaverde Offset

San Juan 27-4 Unit #102M
Blanco Mesaverde/ Basin Dakota
27N-4W-33P



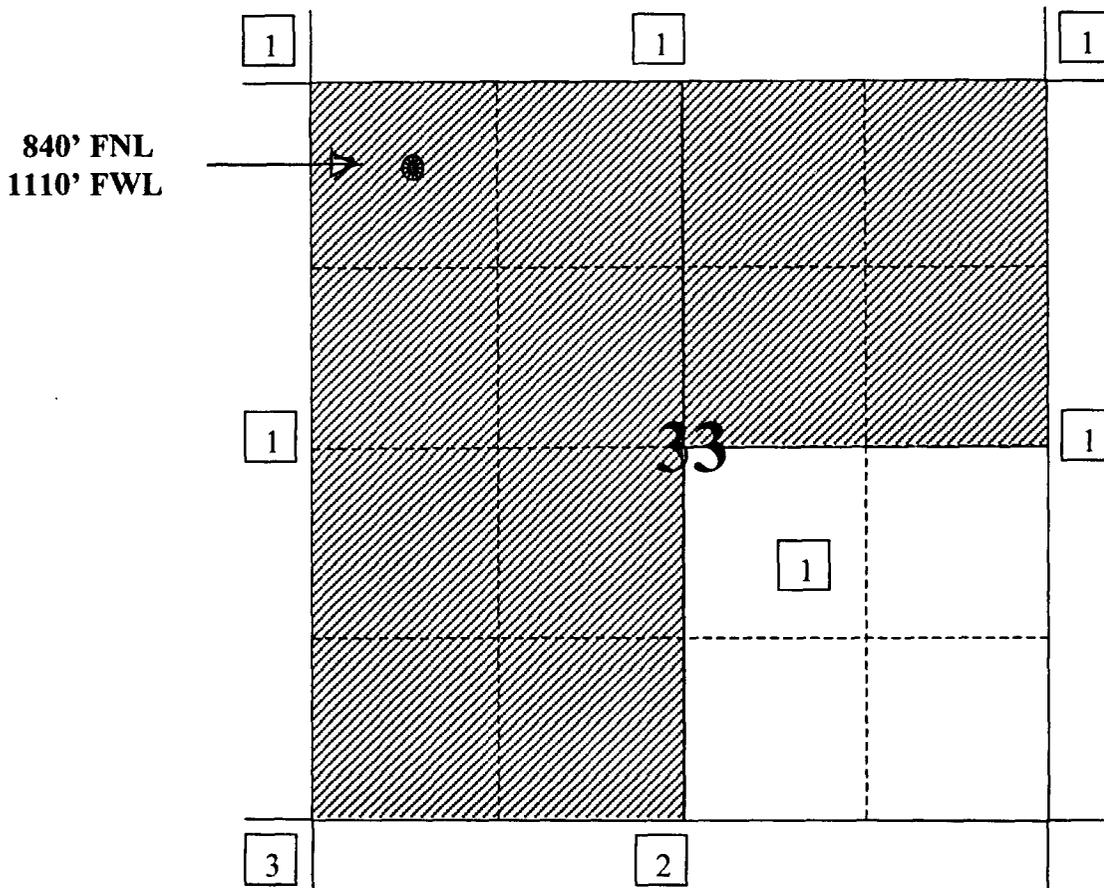
BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 27-4 Unit #102M

OFFSET OPERATOR/OWNER PLAT

Mesaverde (W/2) / Dakota (N/2) Formations Commingle Well

Township 27 North, Range 4 West



- 1) Burlington Resources
- 2) Amoco Production Company
Attn: Steve Trefz
P.O. Box 800
1670 Broadway
Denver, CO 80201
- 3) Chateau Oil & Gas, Inc.
5950 Berkshire Lane, Ste 275
Dallas, TX 75225