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 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS :
_X_ Administrative ___Hearing

EXISTING WELLBORE
__ YES _x NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company — Operator
PO Box 4289, Farmington, NM 87499 — Address

Johnston A Com C — Lease
9A — Well No.
F
36-27N-6W — Unit Ltr. - Sec - Twp - Rge
Rio Arriba — County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. __14538_____ Property Code _____ API NO. _30-039-not assigned Federal __ __, State _X_____, (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. 514 psi (see attachment) (Original) b. 1259 psi (see attachment)	a. b.	a. 882 psi (see attachment) b. 2956 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1167		BTU 1116
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 Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	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

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NOV 16 1998
OIL CON. DIV.
DIST. 3

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? ___Yes __X_No
If not, have all working, overriding, and royalty interests been notified by certified mail? _x_Yes ___No
Have all offset operators been given written notice of the proposed downhole commingling? _x_Yes ____No

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). _____

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 B. Wayne Fletcher TITLE Production Engineer DATE 11-09-98

TYPE OR PRINT NAME B. Wayne Fletcher 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 Off
State Lease - 4 Cop
Fee Lease - 3 Cop

☐ AMENDED REPO

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹API Number	²Pool Code	³Pool Name
30-039-	72319/71599	Blanco Mesaverde/Basin Dakota

⁴Property Code	⁵Property Name	⁶Well Number
7204	JOHNSTON A COM C	9A

⁷OGRID No.	⁸Operator Name	⁹Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6644'

¹⁰ Surface Location

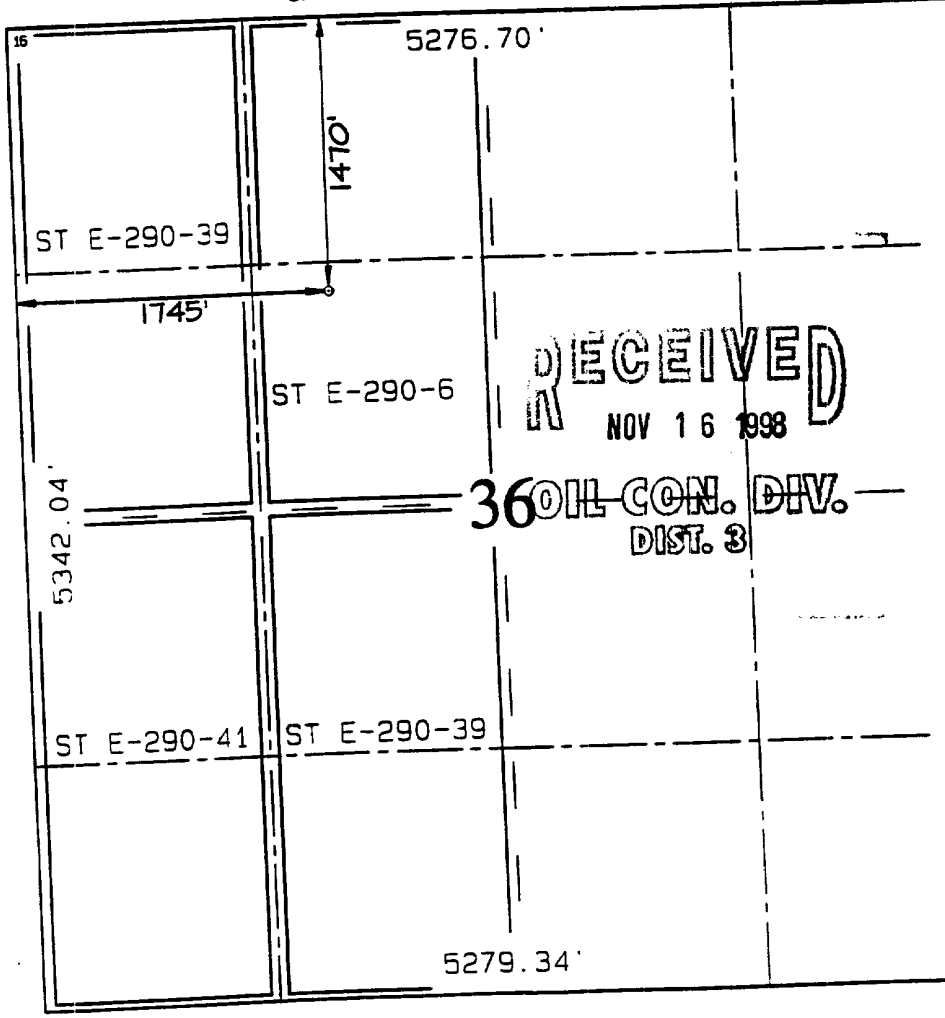
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	27N	6W		1470	NORTH	1745	WEST	RIO ARRIE

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.
MV-W/320 DK-W/320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATI
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATI

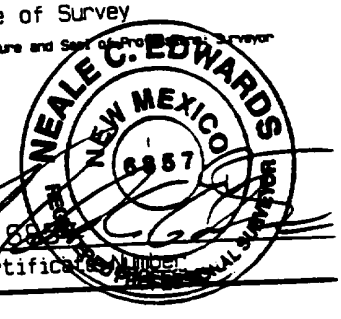
I hereby certify that the information contained here true and complete to the best of my knowledge and c

Signature
Peggy Bradfield
Printed Name
Regulatory Administrat
Title
Date

¹⁸ SURVEYOR CERTIFICATI

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

SEPTEMBER 3, 1998
Date of Survey
Signature and Seal of Professional Surveyor

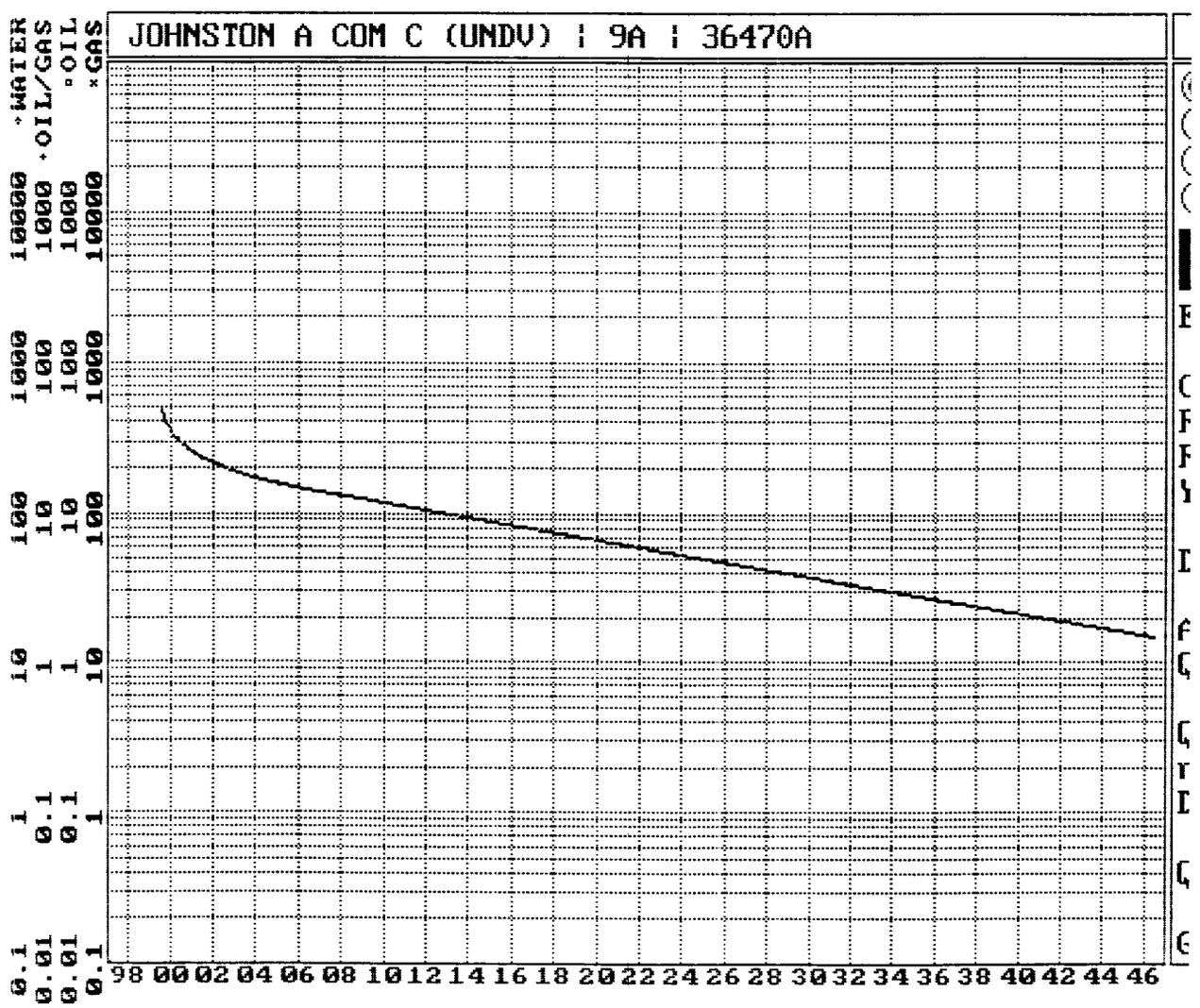


Certificate Number

Johnston A Com C #9A

Expected Production Curve

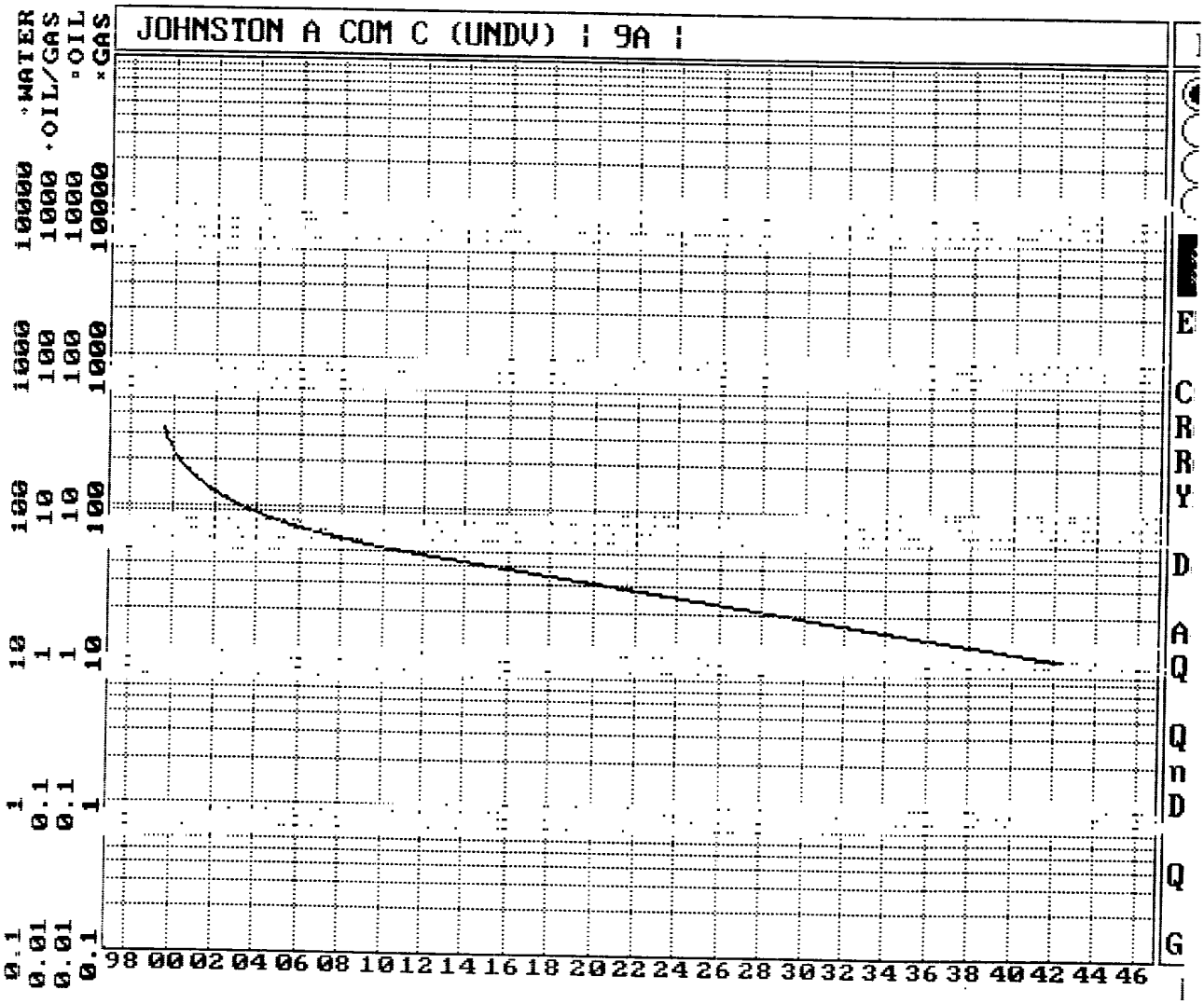
Blanco Mesaverde



Johnston A Com C #9A

Expected Production Curve

Basin Dakota



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Property Name: SAN JUAN 28-6 UNIT | 70 | 53435A-1
Table Name: C:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

--DATE--	---CUM_GAS-- Mcf	M_SIWHP Psi
03/26/57	0	1084.0
05/03/57	0	1037.0
10/14/58	212000	921.0
03/13/59	257000	922.0
10/06/60	604000	787.0
12/20/61	797000	779.0
04/09/62	845000	745.0
03/19/63	957000	725.0
04/06/64	1051000	694.0
09/24/65	1229000	651.0
04/12/66	1274000	659.0
03/22/67	1337000	679.0
09/17/68	1439000	615.0
07/18/69	1491190	647.0
03/30/70	1537962	641.0
06/29/71	1613518	622.0
07/25/72	1679216	527.0
05/18/73	1725499	616.0
07/24/74	1782518	515.0
06/03/76	1863053	572.0
08/09/77	1930676	464.0
05/26/78	2020901	394.0
05/29/80	2141225	445.0
05/11/82	2203862	451.0
06/11/84	2254725	472.0
08/19/86	2301069	462.0
05/09/89	2340149	486.0
05/20/91	2362616	492.0
06/08/91	2362857	504.0
06/09/93	2389974	449.0

Johnston A Com C #9A
Mesaverde Offset

Page No.: 1
Print Time: Tue Oct 20 10:51:52 1998
Property ID: 1705
Property Name: SAN JUAN 28-6 UNIT | 110 | 50657A-1
Table Name: Q:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

--DATE--	---CUM_GAS-- Mcf	M_SIWHP Psi
11/09/62	0	2439.0
12/12/62	0	2438.0
02/23/63	30000	1740.0
04/06/64	133000	1281.0
09/24/65	295000	822.0
04/12/66	352000	806.0
03/22/67	437000	830.0
04/01/68	519000	756.0
06/18/70	680492	652.0
06/29/71	746835	919.0
08/20/71	756000	807.0
07/25/72	811943	909.0
05/18/73	867918	887.0
05/16/75	995538	740.0
06/06/77	1112724	745.0
06/11/79	1221474	628.0
08/03/81	1330050	731.0
10/11/83	1421274	776.0
09/19/85	1515084	731.0
04/04/88	1603776	820.0
04/23/90	1686469	819.0
05/28/92	1764748	741.0

Johnston A Com C #9A
Dakota Offset

Johnston A com C #9A

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

Mesaverde

MV-Current

GAS GRAVITY	0.691
COND. OR MISC. (C/M)	C
%N2	0.27
%CO2	1.35
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5338
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	449
BOTTOMHOLE PRESSURE (PSIA)	513.5

MV-Original

GAS GRAVITY	0.691
COND. OR MISC. (C/M)	C
%N2	0.27
%CO2	1.35
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5338
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1084
BOTTOMHOLE PRESSURE (PSIA)	1258.9

Dakota

DK-Current

GAS GRAVITY	0.653
COND. OR MISC. (C/M)	C
%N2	0.13
%CO2	1.17
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7543
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	741
BOTTOMHOLE PRESSURE (PSIA)	882.1

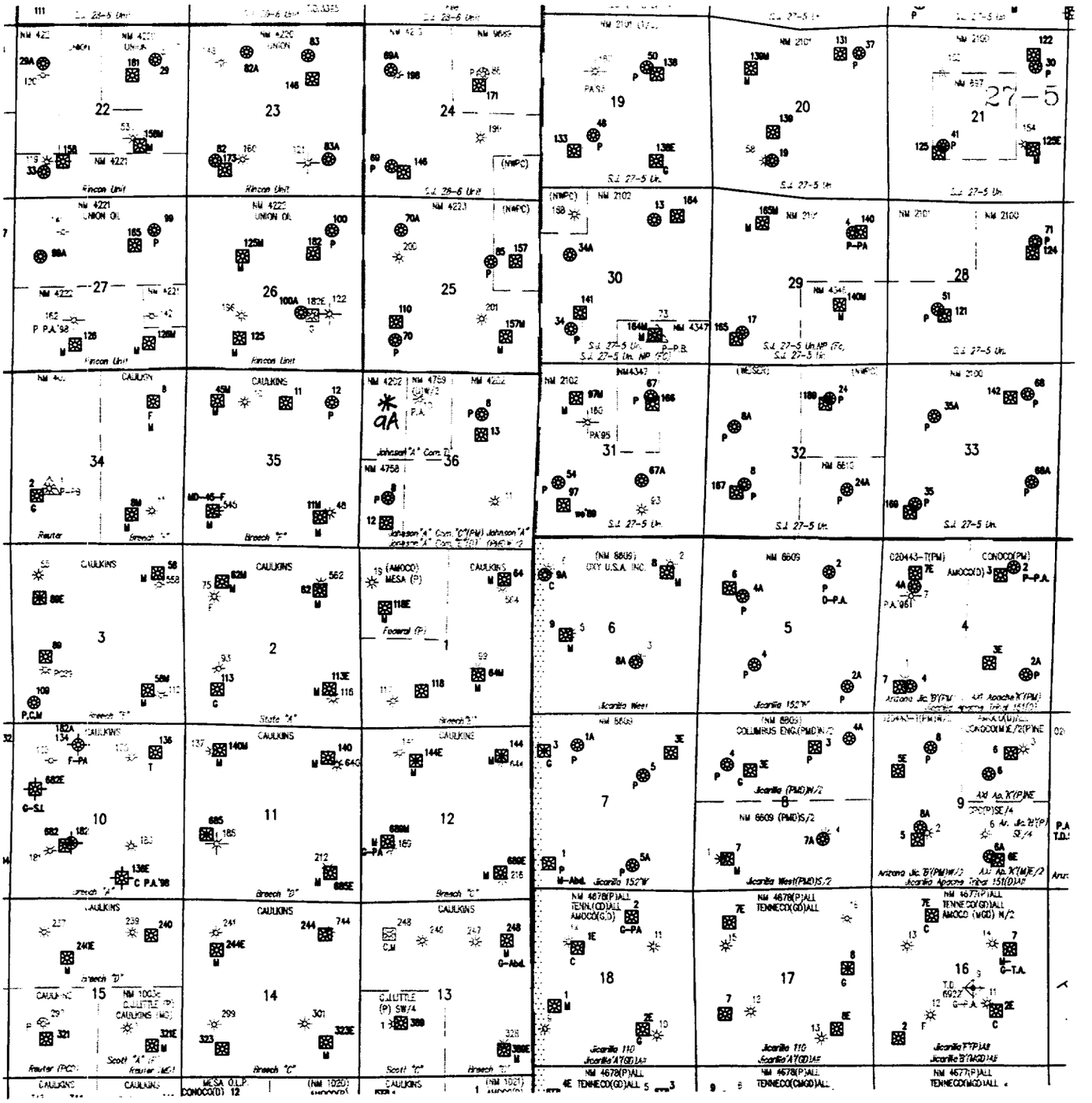
DK-Original

GAS GRAVITY	0.653
COND. OR MISC. (C/M)	C
%N2	0.13
%CO2	1.17
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	7543
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2439
BOTTOMHOLE PRESSURE (PSIA)	2956.2

Johnston A Com C #9A

Blanco Mesaverde / Basin Dakota

27N-06W-36



BURLINGTON RESOURCES OIL AND GAS COMPANY

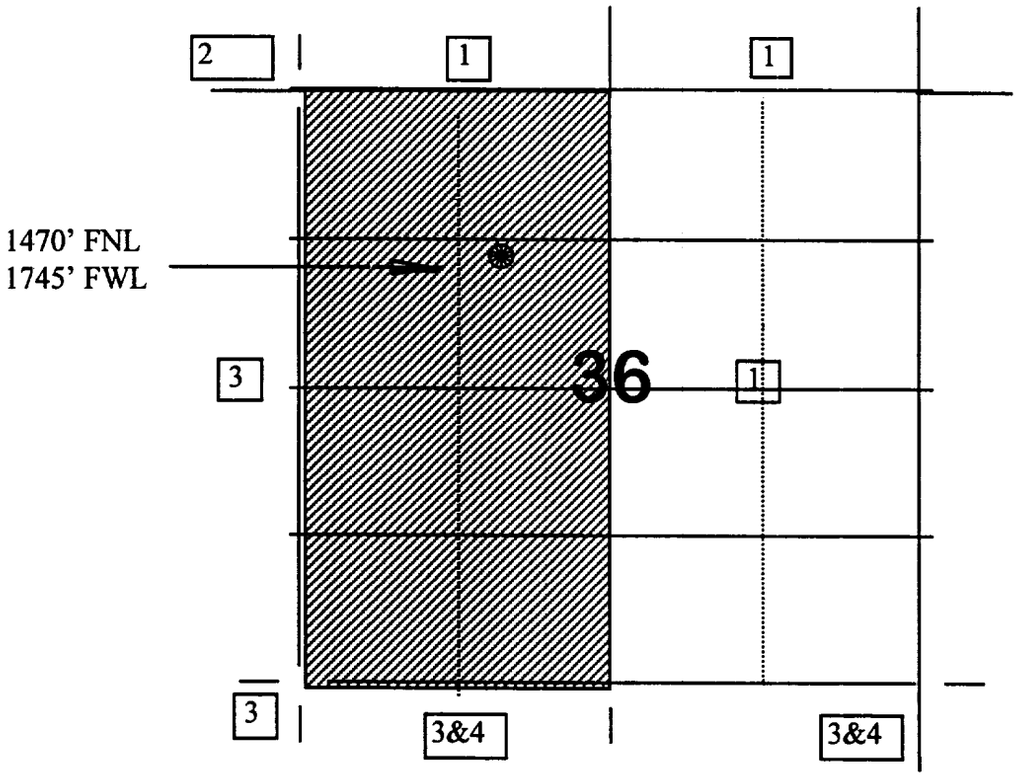
Johnston A Com C #9A

OFFSET OPERATOR/OWNER PLAT

Mesaverde & Dakota Formations

Commingle well

Township 27 North, Range 6 West



1) Burlington Resources

2) Union Oil Company of California
P.O. Box 3100
Midland, Texas 79702

3 Caulkins Oil Company
2100 Colorado Bank Building
Denver, CO 80202

4) Amoco Production Company
Attention: Steve Trefz
PO Box 800
Denver, CO 80201