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

APPLICATION FOR DOWNHOLE COMMINGLING

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

APPROVAL PROCESS :
_X_ Administrative
___Hearing

EXISTING WELLBORE
X__ YES ___ NO

Burlington Resources Oil and Gas

Operator | Address

Johnston A Com G	#17M	I-36-26N-06W	Rio Arriba
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. _14538____ Property Code __7207____ API NO. 30-039-25560 Federal ___ _ , State X_____, Fee _____

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesa Verde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	4869'-5152'		6828'-7038'
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. 680 psi (see attachment)		a. 405 psi (see attachment)
	(Original) b. 1044 psi (see attachment)		b. 1299 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1236		BTU 1190
7. Producing or Shut-In?	Producing		Producing
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: N/A Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: 11/97 Rates: 162 mcfd 3.1 bopd		Date: 11/97 Rates: 60 mcfd 0.0 bopd
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Will be supplied upon completion.		Will be supplied upon completion.

RECEIVED
DEC 3 1 1997
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? _X_Yes __No
If not, have all working, overriding, and royalty interests been notified by certified mail? ___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 Kevin Midkiff TITLE Operations Engineer DATE 12-16-97

TYPE OR PRINT NAME Kevin Midkiff TELEPHONE NO. (505) __326-9700____

,980, Hobbs, NM 88241-1980
II
sewer DD, Artesia, NM 88211-0719
ict III
) Rio Brazos Rd., Aztec, NM 87410
istrict IV
O 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

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	Pool Code	Pool Name
30-039-	72319/71599	Blanco Mesaverde/Basin Dakota

Property Code	Property Name	Well Number
7207	Johnston A COM G	17E

OGRID No.	Operator Name	Elevation
14538	Meridian Oil Inc.	6372'

Surface Location

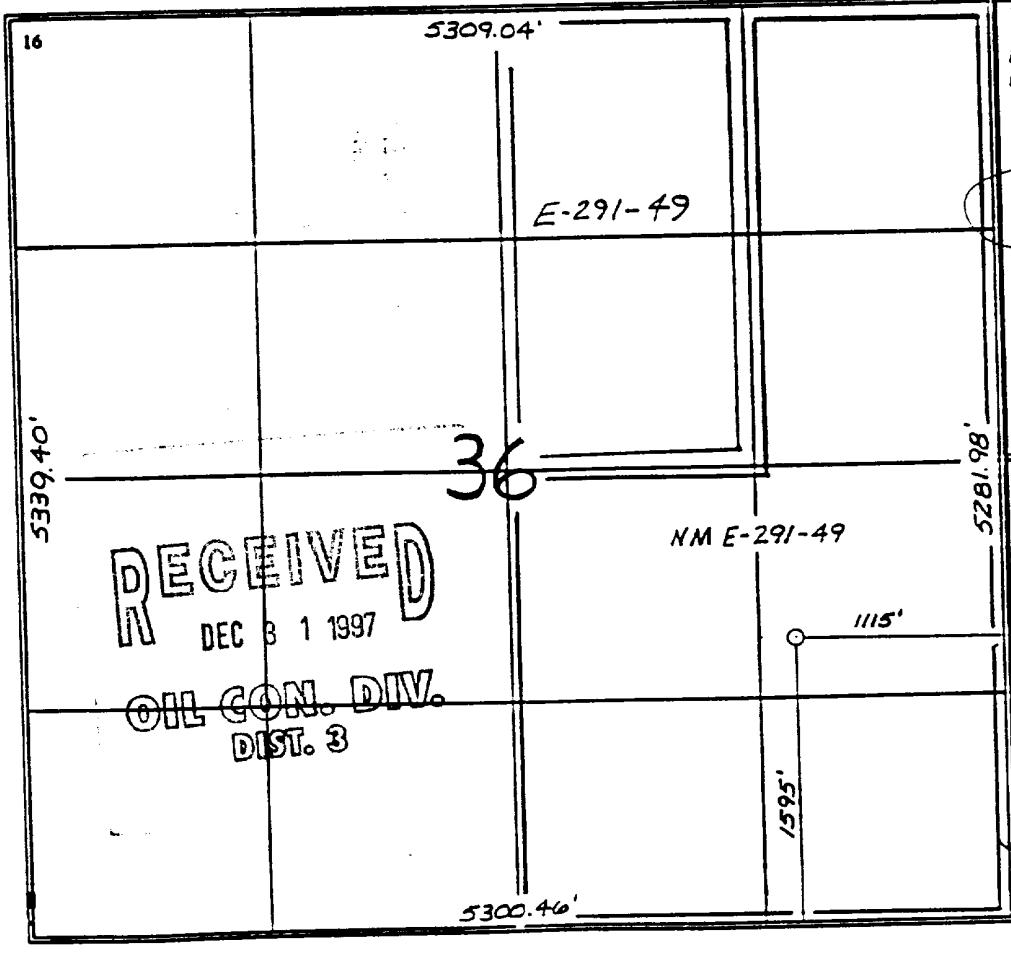
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	26 N	6 W		1595	South	1115	East	R.A.

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
E/320-E/320			

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

Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

2-23-96
Date

18 SURVEYOR CERTIFICATION

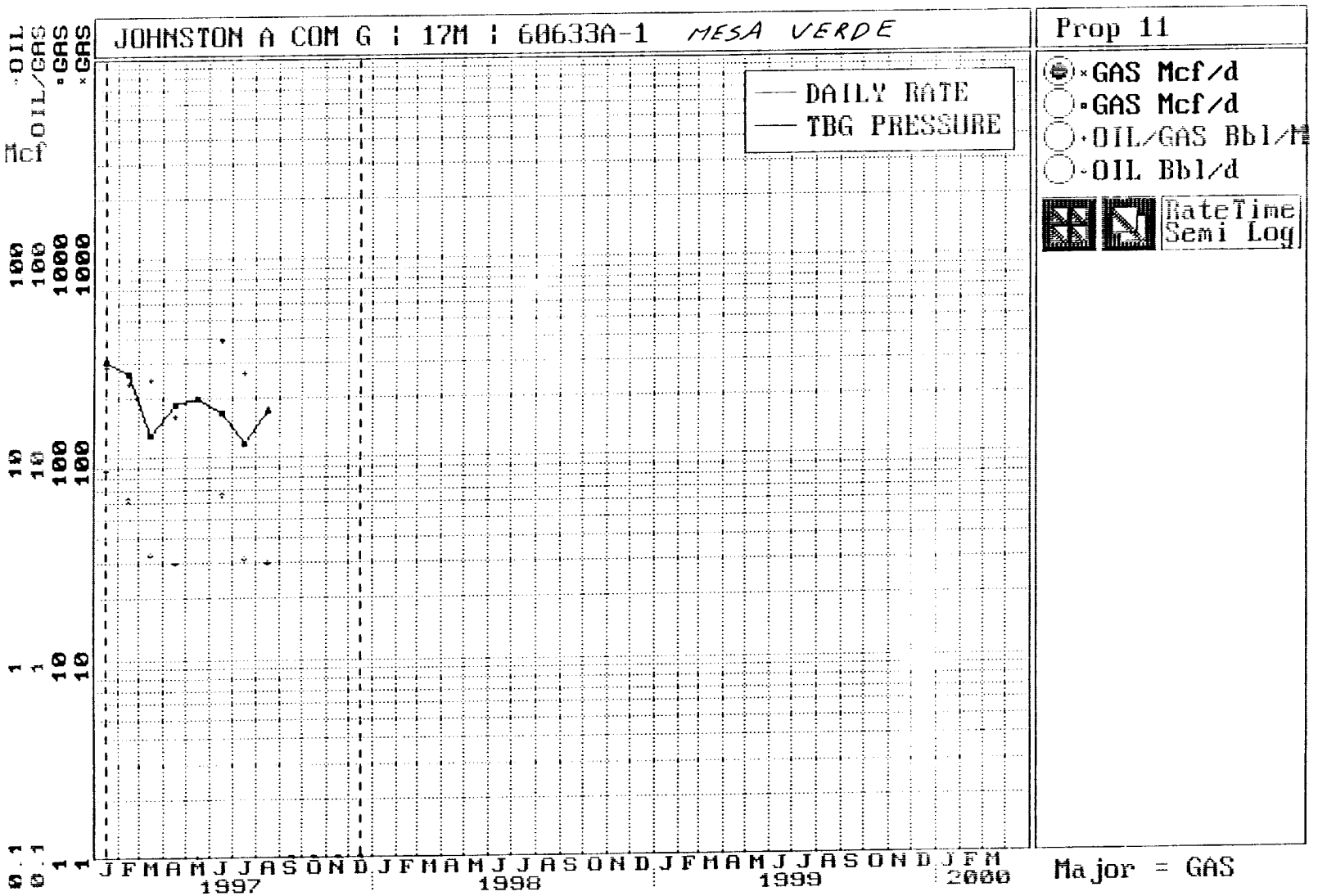
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

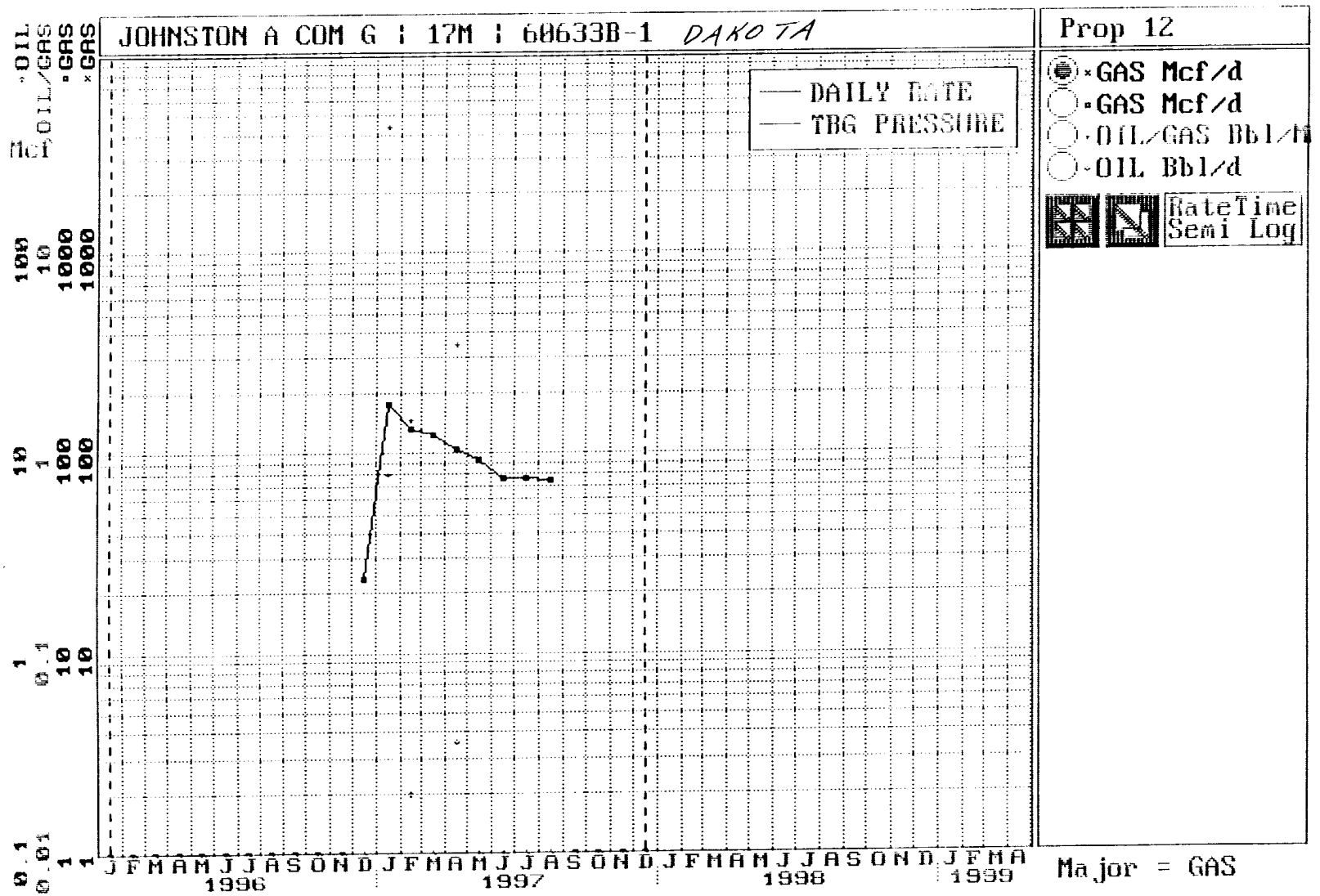
1-30-96
Date of Survey

Signature and Seal of Professional Surveyor:

NEAL C. EDWARDS
NEW MEXICO
6857
REGISTERED LAND SURVEYOR

6857
Certificate Number


JOHNSTON A COM G | 17M | 60633A-1 MESA VERDE
DAILY RATE
TBG PRESSURE
Mcf
OIL
OIL/GAS
GAS
GAS
0.1
0.1
1
1
10
10
100
100
1000
1000
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M
1997
1998
1999
2000
Prop 11
GAS Mcf/d
GAS Mcf/d
OIL/GAS Bbl/M
OIL Bbl/d
RateTime
Semi Log
Major = GAS

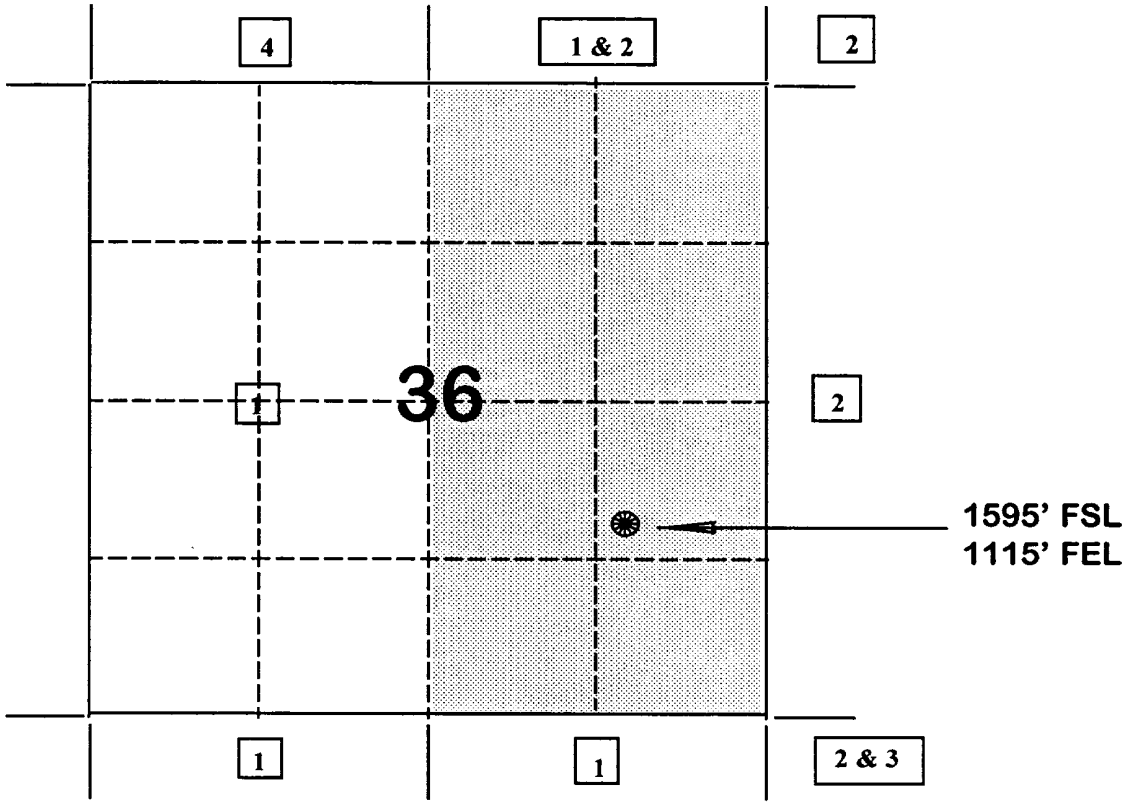

JOHNSTON A COM G | 17M | 60633B-1 DAKOTA
DAILY RATE
TBG PRESSURE
Prop 12
GAS Mcf/d
GAS Mcf/d
OIL/GAS Bbl/M
OIL Bbl/d
RateTime
Semi Log
Major = GAS
OIL
OIL/GAS
GAS
GAS
Mcf
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A
1996
1997
1998
1999

BURLINGTON RESOURCES OIL & GAS COMPANY

Johnston A Com G #17M
Offset Operator \ Owner Plat

Mesaverde / Dakota Formations Commingle Well

Township 26 North, Range 6 West



1) Burlington Resources
2) Amoco Production Company
   c/o Bruce Zimney
   P.O. Box 800
   Denver, CO 80201
3) Conoco Inc.
   10 Desta Drive Ste. 100W
   Midland, Texas 79705-4500
4) Caulkins Oil
   1600 Broadway Suite 2100
   Denver, CO 80202

FARMINGTON 1997 MONTHLY PRODUCTION FOR 34732A PHS030M1
JOHNSTON A COM G 18M
BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE

			DAYS	====== OIL =======			========== GAS ==========					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD C
1	2	F	23	02	263	53.9	01	23815	23	1079	15.025	
2	2	F	28	02	107		01	28495	28	1079	15.025	
3	2	F	31	02	146	61.1	01	29823	31	1079	15.025	
4	2	F	30	02	133	62.0	01	26977	30	1079	15.025	
5	2	F	31	02	100	62.1	01	25949	31	1079	15.025	
6	2	F	30	02	84		01	23441	30	1079	15.025	
7	2	F	25	02	75		01	18707	25	1079	15.025	
8	2	F	31	02	92	61.6	01	21431	31	1079	15.025	
9	2	F	30	02	83		01	19338	30	1079	15.025	
10												
11												
12												

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 PRS 11/05/97

FARMINGTON 1997 MONTHLY PRODUCTION FOR 60633B PHS030M1
JOHNSTON A COM G 17M
BASIN DAKOTA (PRORATED GAS) FIELD DAKOTA ZONE

			DAYS	====== OIL =======			========== GAS ==========					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD C
1	2	F	31	02	242	46.3	01	5559	31	1079	15.025	
2	2	F	28	02	6		01	4138	28	1079	15.025	
3	2	F	31	02			01	3843	31	1079	15.025	
4	2	F	30	02	11		01	3265	30	1079	15.025	
5	2	F	31	02			01	2926	31	1079	15.025	
6	2	F	30	02			01	2366	30	1079	15.025	
7	2	F	26	02			01	2398	26	1079	15.025	
8	2	F	31	02			01	2284	31	1079	15.025	
9	2	F	30	02			01	2104	30	1079	15.025	
10												
11												
12												

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 PRS 11/05/97

Johnston A Com G No. 17M
Pressure Data

	Date	Mesa Verde Surface (PSIA)	Dakota Surface (PSIA)
Initial	Nov-96	901	1072*
Current	Nov-97	592	342

* Note: Dakota Initial pressure from
Johnston A Com G No. 18M
(Offset in the same section at approximately the same time)

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD

VERSION 1.0 3/13/94

GAS GRAVITY	**0.73**
COND. OR MISC. (C/M)	**C**
%N2	**1.66**
%CO2	**0.31**
%H2S	**0**
DIAMETER (IN)	**4.9**
DEPTH (FT)	**5011**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**134**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**901**
BOTTOMHOLE PRESSURE (PSIA)	1044.0

JOHNSTON A COM G #17M MESA VERDE - (ORIGINAL)

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD
VERSION 1.0 3/13/94

GAS GRAVITY	**0.73**
COND. OR MISC. (C/M)	**C**
%N2	**1.66**
%CO2	**0.31**
%H2S	**0**
DIAMETER (IN)	**4.9**
DEPTH (FT)	**5011**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**134**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**592**
BOTTOMHOLE PRESSURE (PSIA)	679.8

JOHNSTON A COM G #17M MESA VERDE - (CURRENT)

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD

VERSION 1.0 3/13/94

GAS GRAVITY	**0.7**
COND. OR MISC. (C/M)	**C**
%N2	**0.96**
%CO2	**0.51**
%H2S	**0**
DIAMETER (IN)	**1.4**
DEPTH (FT)	**6933**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**162**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**1072**
BOTTOMHOLE PRESSURE (PSIA)	1298.6

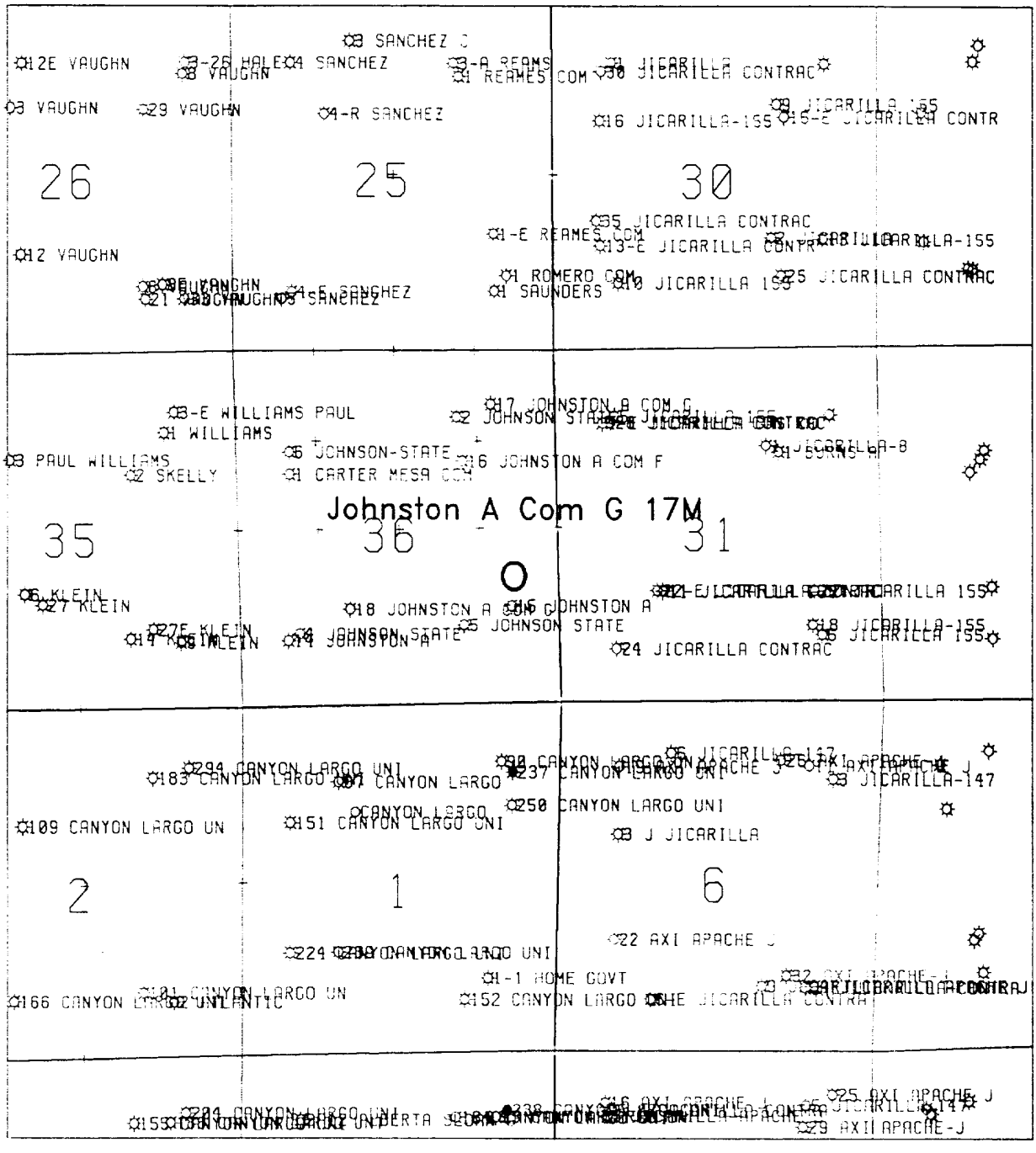
JOHNSTON A COM G #17M DAKOTA - (ORIGINAL)

FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD

VERSION 1.0 3/13/94

GAS GRAVITY	**0.7**
COND. OR MISC. (C/M)	**C**
%N2	**0.96**
%CO2	**0.51**
%H2S	**0**
DIAMETER (IN)	**1.4**
DEPTH (FT)	**6933**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**162**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**342**
BOTTOMHOLE PRESSURE (PSIA)	405.1

GRENIER A #3 DAKOTA - (CURRENT)



Johnston A Com G 17M

26N, 6W, 36 I

MV / DK