DHC 11/4/96

1397

BURLINGTON RESOURCES

SAN JUAN DIVISION

October 11, 1996

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Ripley #2A
790'FSL, 790'FEL Section 26, T-32-N, R-13-W, San Juan County, NM
API #30-045-23414

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde and Basin Dakota pools in the subject well. This is currently a dual Mesa Verde/Dakota well.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company is submitting the following for your approval of this commingling:

1. Form C107A - Application for Downhole Commingling;
2. C-102 plat for each zone showing its spacing unit and acreage dedication;
3. Production curve for both the Dakota and Mesa Verde for at least one year;
4. Notification list of offset operators;
5. Shut in wellhead pressure and calculated down hole pressure;
6. Nine-section plats for the Mesa Verde and Dakota.

The ownership for both the Mesa Verde and Dakota are common in this well. No notification to interest owners is required.

The allocation formula is included, showing 40% from the Mesa Verde and and 60% from the Dakota formation.

Please let me know if you require additional data.

Sincerely,

Peggy Bradfield
Regulatory/Compliance Administrator

encs.

3535 East 30th St., 87402-8891, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

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

Ripley	2A	P-26-32N-13W	San Juan
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. _14538__ Property Code _7434____ API NO. 30-045-23414___Federal ____ , State _____, (and/or) Fee ___X____

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)	4538-4678'		6764-6984'
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. 450 psi (see attachment)	a.	a.916 psi (see attachment)
	(Original) b. 1157 psi (see attachment)	b.	b. 2264 psi (see attachment)
6. Oil Gravity (°API) or Gas BTU Content	BTU 1158		BTU 1156
7. Producing or Shut-In?	producing		Producing
Production Marginal? (yes or no)	yes		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:8/96 Rates: 49 MCF/D, 0.33 BOPD	Date: Rates:	Date: 8-96 Rates: 32 MCF/D, 0.19 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

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? _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__ __ 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 _____ TITLE_RegulatoryAdministrator_DATE 10-11-96_____

TYPE OR PRINT NAME _Peggy Bradfield___ TELEPHONE NO. (505__) 326-9700_____

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
CONSOLIDATED OIL AND GAS, INC.	RIPLEY	2 A

Unit Letter	Section	Township	Range	County
P	26	32 NORTH	13 WEST	SAN JUAN

Actual Footage Location of Well: 790 feet from the SOUTH line and 790 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
5860	Mesaverde	Blanco Mesaverde	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

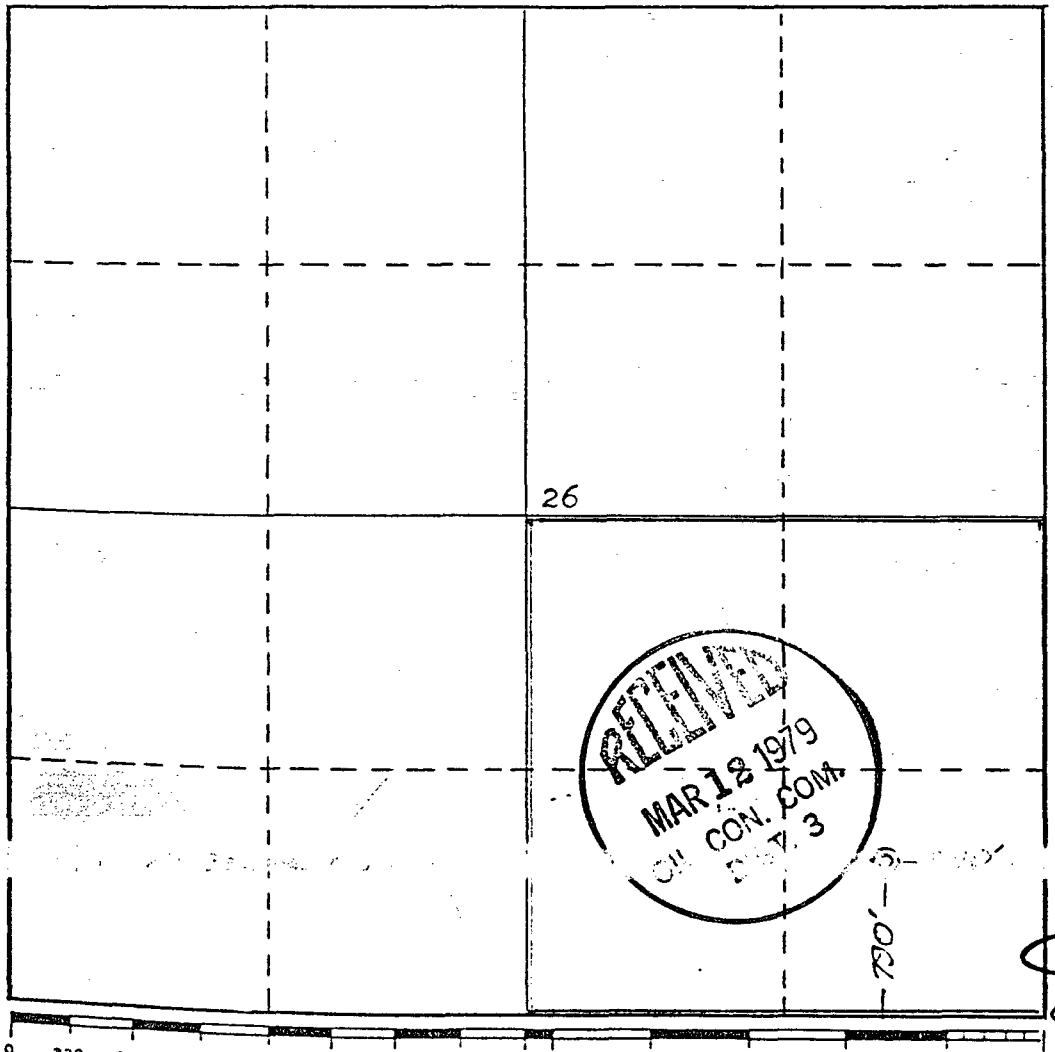
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

[X] Yes [ ] No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

C. M. Parham

Name: C. M. Parham

Position: Sr. Production Engineer

Company: Consolidated Oil & Gas, Inc.

Date: 3-9-79

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 knowledge and belief.

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NEW MEXICO JAMES P. LEESE

Date Surveyed: [illegible]

Registered Professional Engineer and/or Land Surveyor: James P. Leese

Certificate No.: 1463

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
CONSOLIDATED OIL AND GAS, INC.	RIPLEY	2 A

Unit Letter	Section	Township	Range	County
P	26	32 NORTH	13 WEST	SAN JUAN

Actual Footage Location of Well:
790 feet from the SOUTH line and 790 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
5860	Dakota	Basin Dakota	320.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

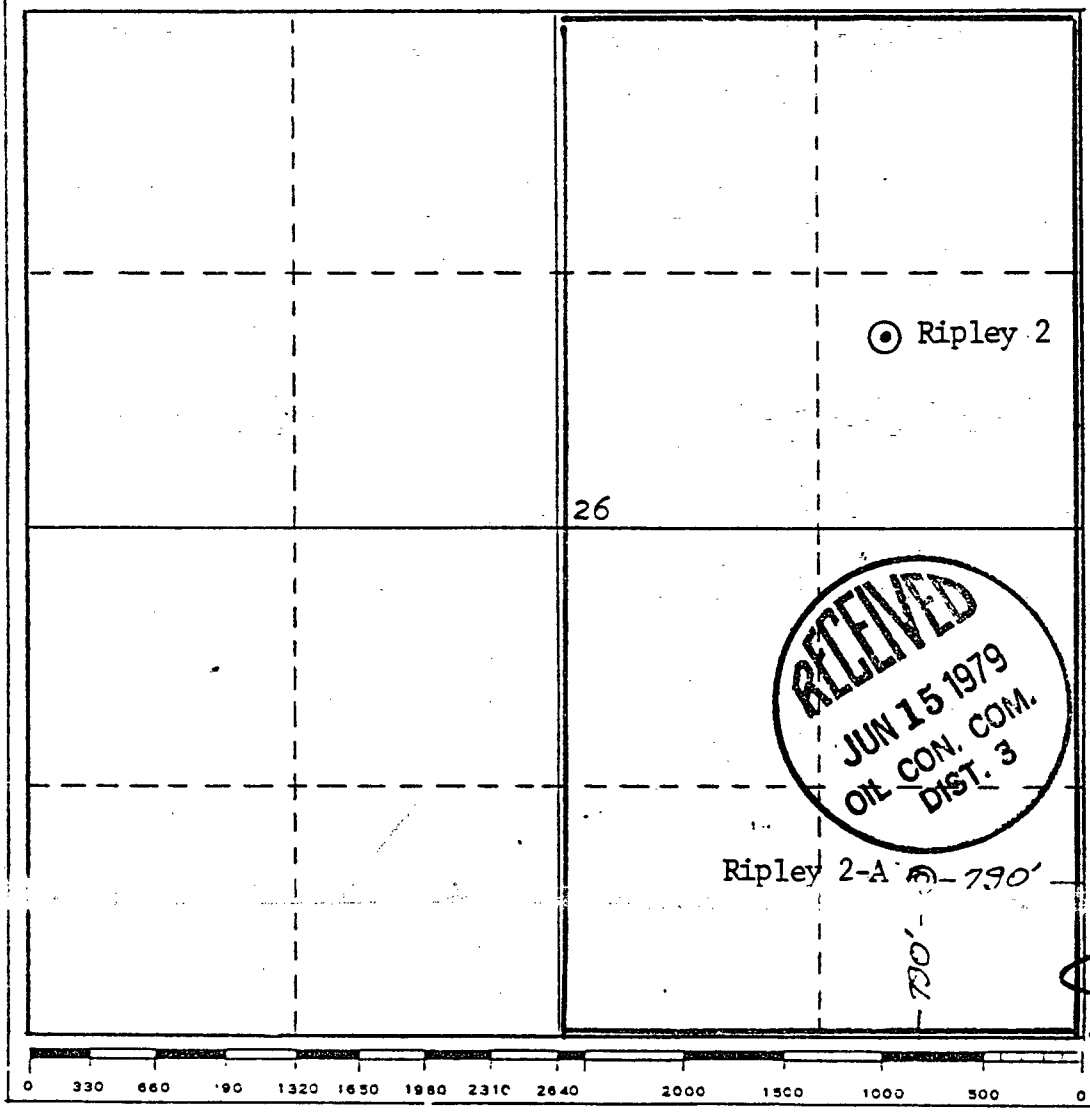
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

[x] Yes [ ] No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

C. M. Parham

Name: C. M. Parham

Position: Senior Production Engineer

Company: Consolidated Oil & Gas, Inc.

Date: June 13, 1979

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 knowledge and belief.

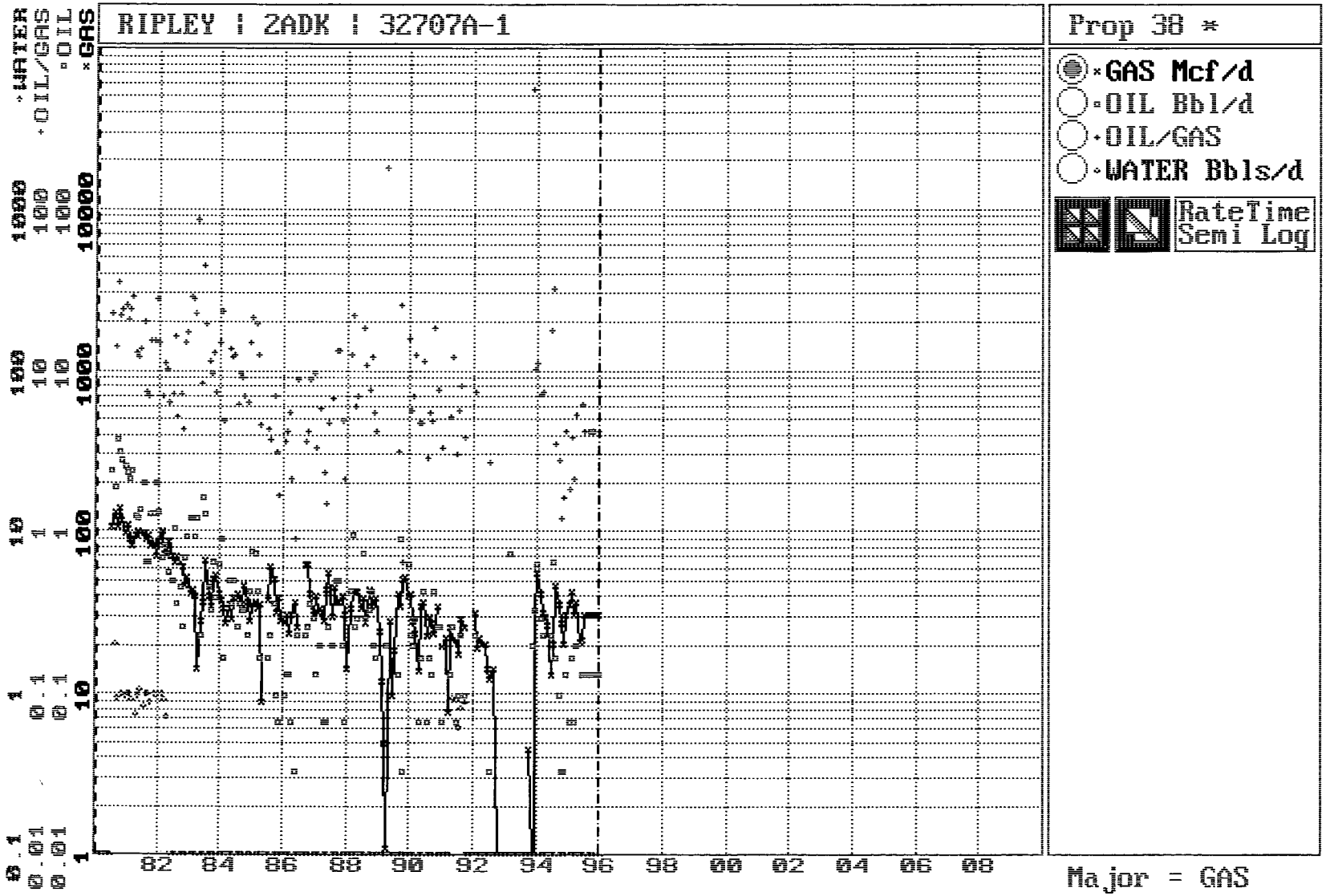
NEW MEXICO
JAMES P. LEESE

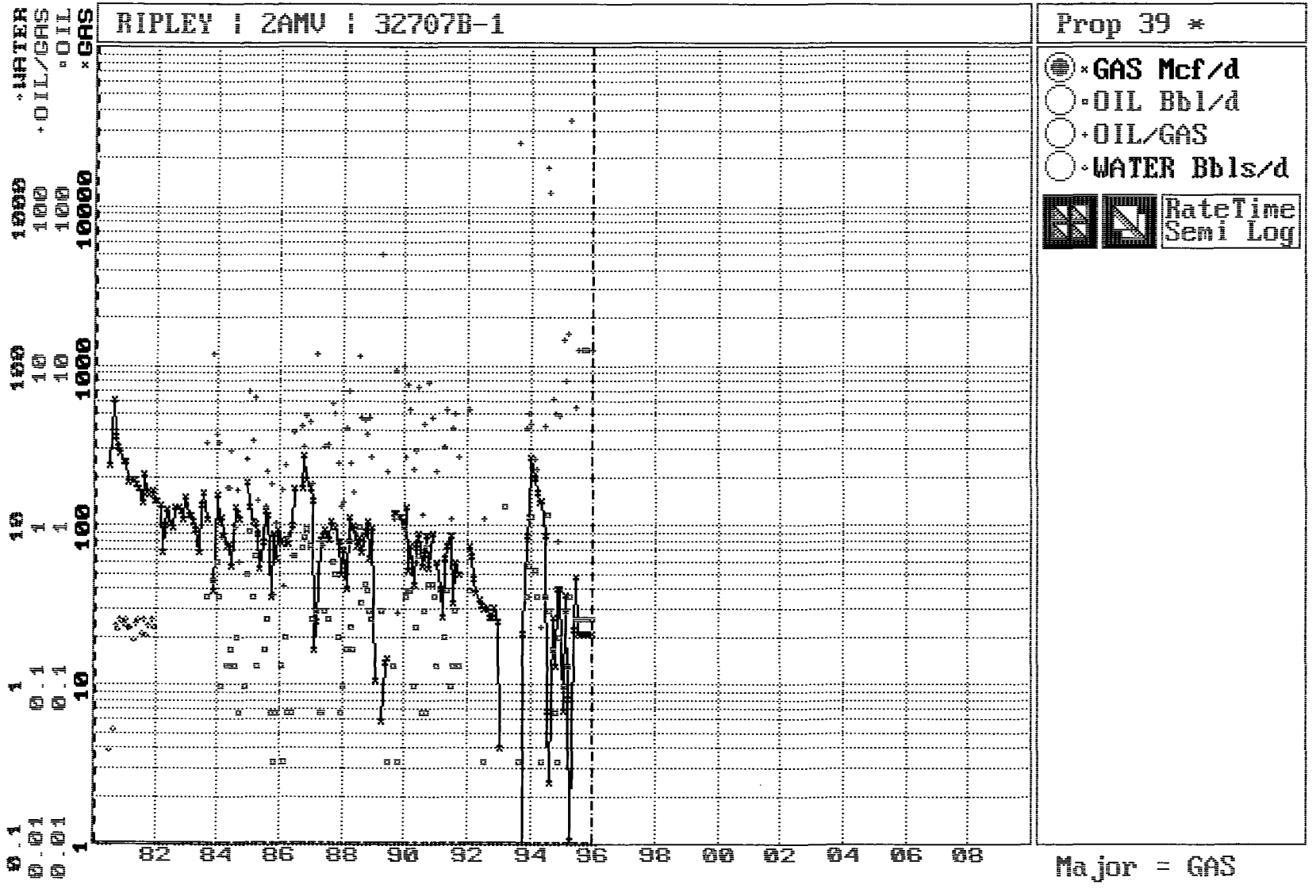
Date Surveyed: 20 January 1970

Registered Professional Engineer and/or Land Surveyor

James P. Leese

Certificate No. 1463


RIPLEY : 2ADK : 32707A-1
Prop 38 *
•GAS Mcf/d
•OIL Bbl/d
•OIL/GAS
•WATER Bbls/d
RateTime
Semi Log
•WATER
•OIL/GAS
•OIL
•GAS
82 84 86 88 90 92 94 96 98 00 02 04 06 08
Major = GAS

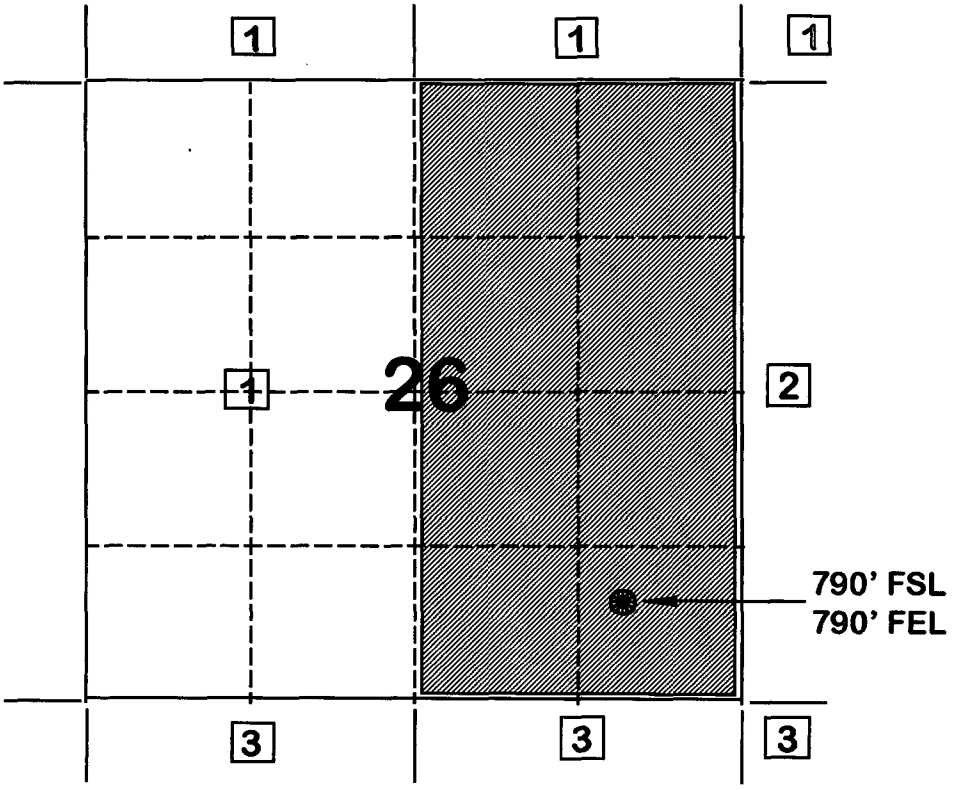

RIPLEY : ZAMV : 32707B-1
Prop 39 *
×GAS Mcf/d
▫OIL Bbl/d
·OIL/GAS
·WATER Bbls/d
RateTime
Semi Log
·WATER
·OIL/GAS
▫OIL
×GAS
82 84 86 88 90 92 94 96 98 00 02 04 06 08
Major = GAS

BURLINGTON RESOURCES OIL AND GAS COMPANY

Ripley #2A
OFFSET OPERATOR \ OWNER PLAT

Mesaverde/Dakota Formations Commingle Well

Township 32 North, Range 13 West



1) **Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.**
2) **Hallwood Petroleum Inc.**
   4582 S. Ulster Street Parkway, Suite 1700
   Denver, CO 80237
3) **Snyder Oil Corporation**
   P.O. Drawer 99162
   Ft Worth, TX 76199-0162

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

GAS GRAVITY	**0.688**
COND. OR MISC. (C/M)	**C**
%N2	**0.39**
%CO2	**1.48**
%H2S	**0**
DIAMETER (IN)	**2.5**
DEPTH (FT)	**4678**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**150**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**401**
BOTTOMHOLE PRESSURE (PSIA)	449.6

RIPLEY #2A MESAVERDE - (CURRENT)

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

GAS GRAVITY	**0.688**
COND. OR MISC. (C/M)	**C**
%N2	**0.39**
%CO2	**1.48**
%H2S	**0**
DIAMETER (IN)	**2.5**
DEPTH (FT)	**4678**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**150**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**1020**
BOTTOMHOLE PRESSURE (PSIA)	1157.7

RIPLEY #2A MESAVERDE - (ORIGINAL)

Organize Data ScreenGraph Economics Report Plot Utility Quit

Browsing: RIPLEY (MV) | 2A | 32707B-1 Property No.: 26

Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 8/8/467

Item: 12/32/33 Name: GAS_RATE Type: Numeric Len: 8/197/203 Dec: 0

GAS_RATE	WTR_RATE	WHT	M_FWHP- Psi	M_FBHP- Psi	M_SIWHP Psi	M_SIBHP Psi	C_FWHP-	C_FBHP-
«			0.0		1020.0			»
«	0		470.0		692.0	0.0		»
«	0		415.0		542.0	0.0		»
«	0		435.0		487.0	0.0		»
«	0		383.0		512.0	0.0		»
«	0		310.0		442.0	0.0		»
«	0		325.0		452.0	0.0		»
«					401.0			»

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table

F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

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

GAS GRAVITY	**0.687**
COND. OR MISC. (C/M)	**C**
%N2	**0.39**
%CO2	**1.47**
%H2S	**0**
DIAMETER (IN)	**2.5**
DEPTH (FT)	**6984**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**200**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**772**
BOTTOMHOLE PRESSURE (PSIA)	916.4

RIPLEY #2A DAKOTA - (CURRENT)

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

GAS GRAVITY	**0.687**
COND. OR MISC. (C/M)	**C**
%N2	**0.39**
%CO2	**1.47**
%H2S	**0**
DIAMETER (IN)	**2.5**
DEPTH (FT)	**6984**
SURFACE TEMPERATURE (DEG F)	**60**
BOTTOMHOLE TEMPERATURE (DEG F)	**200**
FLOWRATE (MCFPD)	**0**
SURFACE PRESSURE (PSIA)	**1870**
BOTTOMHOLE PRESSURE (PSIA)	2263.8

RIPLEY #2A DAKOTA - (ORIGINAL)

Organize Data ScreenGraph Economics Report Plot Utility Quit

Browsing: RIPLEY (DK) | 2A | 32707A-1 Property No.: 25

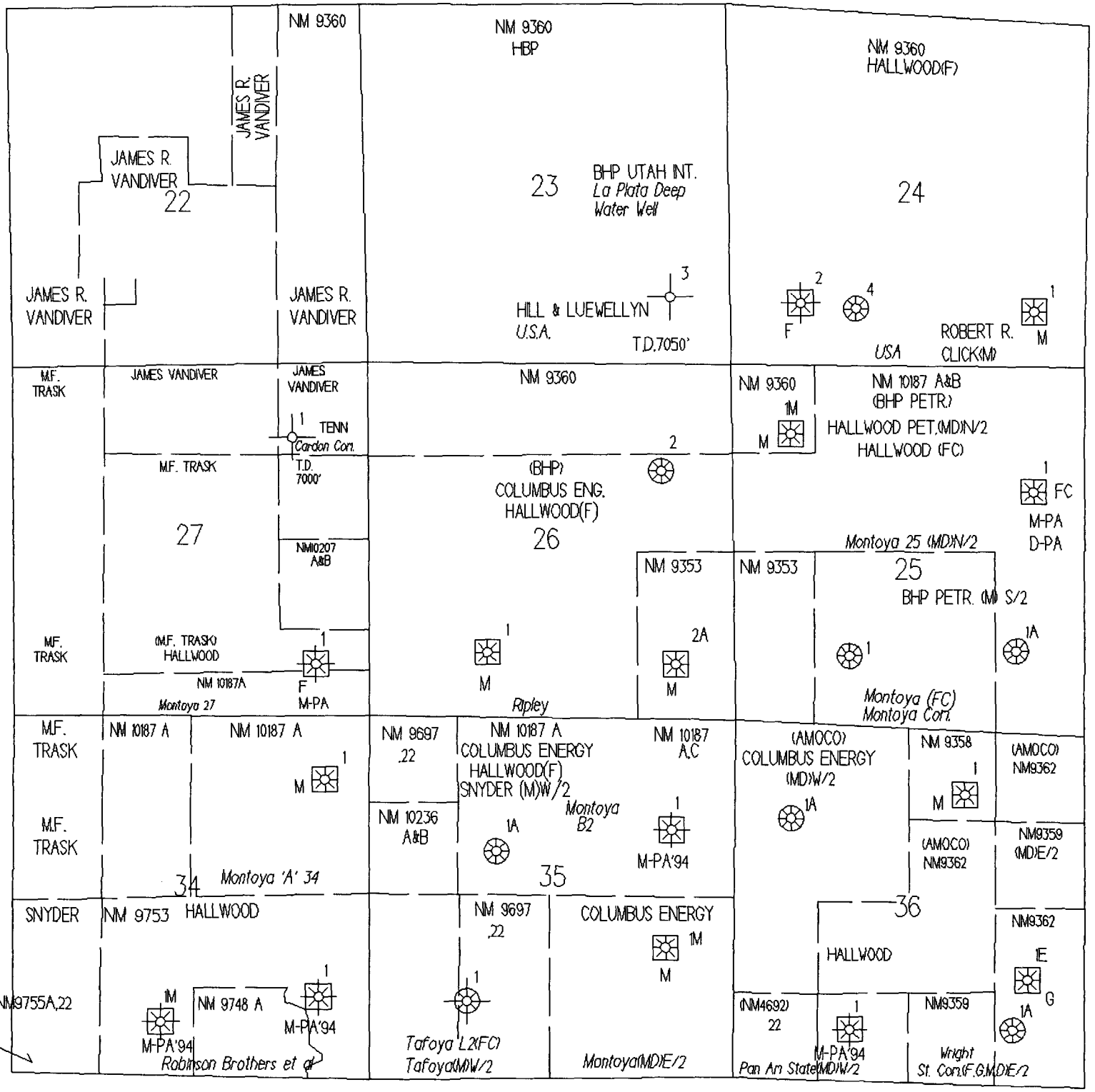
Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 8/8/467

Item: 12/32/33 Name: GAS_RATE Type: Numeric Len: 8/197/203 Dec: 0

GAS_RATE	WTR_RATE	WHT	M_FWHP- Psi	M_FBHP- Psi	M_SIWHP Psi	M_SIBHP Psi	C_FWHP-	C_FBHP-
«		0	0.0	0.0	1870.0			»
«	0		431.0		1242.0	0.0		»
«	0		422.0		872.0	0.0		»
«	0		408.0		877.0	0.0		»
«	0		363.0		842.0	0.0		»
«	0		334.0		772.0	0.0		»
«	0		315.0		722.0	0.0		»
«					772.0			»

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table
F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

RIPLEY #2A
SECTION 26, T32N, R13W
BLANCO MESAVERDE/BASIN DAKOTA



PRODUCTION ALLOCATION FORMULA METHOD

Ripley #2A
(Mesaverde/Dakota) Commingle
Unit P, 26-T32N-R13W
San Juan County, New Mexico

Allocation Formula Method:

Current Production from Mesaverde formation = 20 MCFD

Current Production from Dakota formation = 30 MCFD

$$\frac{[(MV \,\&\, DK)\ 50\ \text{MCFD} - (MV)\ 20\ \text{MCFD}]}{(MV \,\&\, DK)\ 50\ \text{MCFD}} = (DK)\ \%\ \textbf{Dakota 60\%}$$

$$\frac{[(MV \,\&\, DK)\ 50\ \text{MCFD} - (DK)\ 30\ \text{MCFD}]}{(MV \,\&\, DK)\ 50\ \text{MCFD}} = (MV)\ \%\ \textbf{Mesaverde 40\%}$$