

DATE IN 1/27/98	SUSPENSE 2/16/98	ENGINEER DC	LOGGED M	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

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

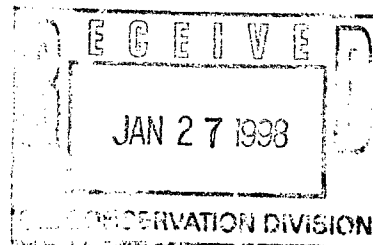
Check One Only for [B] and [C]

[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 - Statement of Understanding

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, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Bradfield

Print or Type Name

Signature

Regulatory/Compliance Administrator

Title

Date

1/26/98

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 :

☒ Administrative ☐ Hearing

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NO

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

Address

Richardson SRC

5

B 21-31N-12W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 18610 API NO. 30-045-10580 Federal ☒ , 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	Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	4894' - 4924'		7016' - 7122'
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. 532 (Original) b. 1258.4	a. b.	a. SICP 801 psi SITP 1795 954.7 b. 2277.2
6. Oil Gravity (^o API) or Gas BTU Content	BTU 1198		BTU 1204
7. Producing or Shut-In?	Producing		producing
Production Marginal? (yes or no)	yes		no
* 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: 150 MCF/D	Date: Rates:	Date: n/a Rates: 140 MCF/D
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? ☒ 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? ☒ Yes ☐ No

11. Will cross-flow occur? ☒ 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. ☒ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ 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. ☒ 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 Steve Campbell TITLE Production Engineer DATE 11/26/98

TYPE OR PRINT NAME Steve Campbell TELEPHONE NO. (505) 326-9700

N. MEXICO OIL CONSERVATION COMMISS.
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 Aztec Oil & Gas Company			Lease Richardson SRC		Well No.
Unit Letter 6	Section 21	Township 31 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1850 feet from the North line and 1660 feet from the East line.					
Ground Level Elev. 6131	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

Joe C. Salmon
Name **Joe C. Salmon**

Position
District Superintendent

Company
Aztec Oil & Gas Company

Date
February 1, 1966

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.

Date Surveyed
June 10, 1959

Registered Professional Engineer and/or Land Surveyor

E. J. Calhoun

Certificate No.
3602

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date June 11, 1959

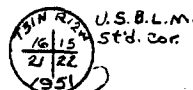
Operator Aztec Oil And Gas Company Lease Richardson SRC
Well No. 5 Unit Letter _____ Section 21 Township 31 North Range 12 West NMPM
Located 1850' Feet From North Line, 1660' Feet From East Line
County San Juan G. L. Elevation 6131 Dedicated Acreage 320 Acres
Name of Producing Formation Mesaverde Pool Blanco-Mesaverde

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No _____
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes,"
Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section. B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

AZTEC OIL & GAS COMPANY
(Operator)

ORIGINAL SIGNED BY JOE C. SALMON

(Representative)
P O Box 786
Farmington, New Mexico

Address

This is to certify that the well location shown on the plat in Section B 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.

Date Surveyed June 10, 1959

Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor.

Certificate No. 1545

DAKOTA

RICHARDSON SRC : 5 : 66584-1

Prop 3603 *

* OIL
* WATER/GAS
* GAS
* WATER

☐ * WATER Bbls/d
☒ * GAS Mcf/d
☐ * WATER/GAS
☐ * OIL Bbl/d

☒ RateTime
☒ Semi Log

EUR 689,815

Cum 651,649
Rem 38,167
Rem% 5.5%
yrs 5.83

Date 1/1/1998

Act 0

Qmo 673

Q 21.8

n 0

De 6.259

Qab 15

GetQual 98PDP

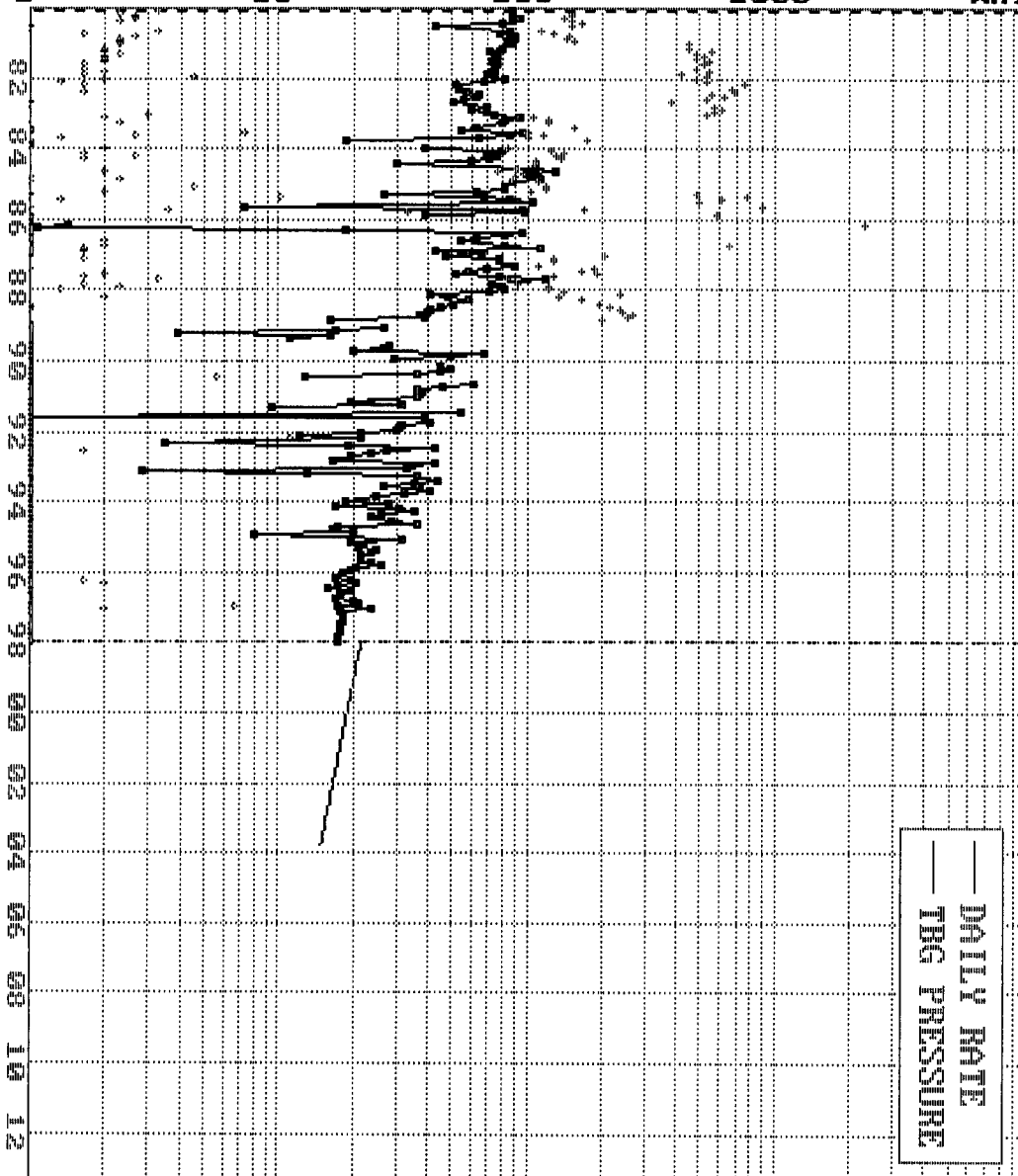
Major = GAS

0.1
0.01
1
1

1
0.1
10
10

10
1
100
100

100
10
1000
1000



MESAVERBIE

RICHARDSON SRC : 5 : 66585-1

Prop 1494 *

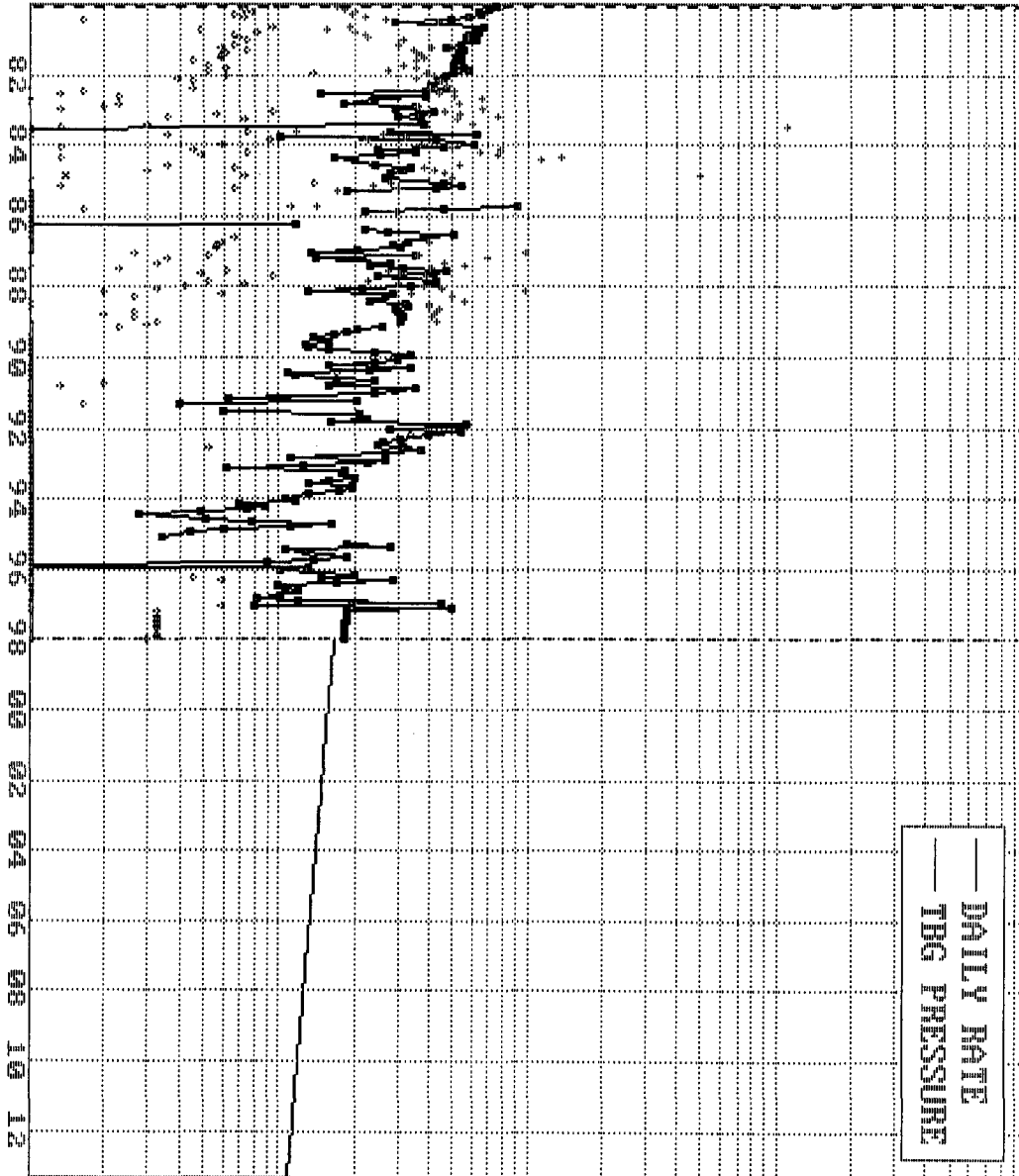
* OIL
* WATER/GAS
* GAS
* WATER

100
100
1000
1000

10
10
100
100

1
1
10
10

0.1
0.1
1
1



— DAILY RATE
— TBG PRESSURE

○ * WATER Bbls/d
● * GAS Mcf/d
○ * WATER/GAS
○ * OIL Bbl/d

RateTime
Semi Log

EUR 937,761

Cum 849,079

Rem 88,682

Rem% 9.5%

Yrs 18.58

Date 1/1/1998

Act 0

Qmo 518

Q 16.7

n 0

De 2.732

Qab 10

GetQual 98PDP

Major = GAS

**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	0.32
%CO2	0.61
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7196
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	149
FLOWRATE (MCFPD)	155
SURFACE PRESSURE (PSIA)	1028
BOTTOMHOLE PRESSURE (PSIA)	1258.4

RICHARDSON SRC #5 MESA VERDE - (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	0.32
%CO2	0.61
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7196
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	149
FLOWRATE (MCFPD)	155
SURFACE PRESSURE (PSIA)	443
BOTTOMHOLE PRESSURE (PSIA)	532.0

RICHARDSON SRC #5 MESA VERDE - (CURRENT)

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.723
COND. OR MISC. (C/M)	C
%N2	0.37
%CO2	1.78
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7196
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	149
FLOWRATE (MCFPD)	112
SURFACE PRESSURE (PSIA)	1808
BOTTOMHOLE PRESSURE (PSIA)	2277.2

RICHARDSON SRC #5 DAKOTA - (INITIAL)

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.723
COND. OR MISC. (C/M)	C
%N2	0.37
%CO2	1.78
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7196
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	149
FLOWRATE (MCFPD)	112
SURFACE PRESSURE (PSIA)	781
BOTTOMHOLE PRESSURE (PSIA)	954.7

RICHARDSON SRC #5 DAKOTA - (CURRENT)

OPR008M2 3097

0008 CHROMATOGRAPH GAS SAMPLE DETAIL

14:15:30.9 12/19/97

GPM

** DATA AT 14.730 PSIG UNLESS NOTED **

MOL % (AT 14.73)

HYDROGEN	_____	
HELIUM	_____	
NITROGEN	___0.32	
OXYGEN	_____	
HYDROGEN SULFIDE	_____	
CARBON DIOXIDE	___0.61	
METHANE	___82.14	
ETHANE	___10.02	2.6804
PROPANE	___4.25	1.1713
ISO-BUTANE	___0.71	0.2322
N-BUTANE	___0.96	0.3027
ISO-PENTANE	___0.31	0.1134
N-PENTANE	___0.21	0.0761
HEXANE	_____	
HEXANE PLUS	___0.47	0.2051
HEPTANE PLUS	_____	
TOTALS	100.00	4.7812

MP NUMBER	34175
EFFECTIVE DATE	19961201

-- GASOLINE CONTENT (GPM) --	
26/70	GASOLINE _____
100%	PROPANE _____
EXCESS	BUTANES _____
TOTAL	

----- SPECIFIC GRAVITY -----	
CALCULATED	___0.7000
MEASURED	_____

SULPHUR GRAINS / 100 CU FT _____

03=MAIN SCREEN

24=HELP

PA1=TERMINATE

DK

OPR008M2 3097

0008 CHROMATOGRAPH GAS SAMPLE DETAIL

14:16:02.6 12/19/97

	MOL %	GPM (AT 14.73)
HYDROGEN	_____	
HELIUM	_____	
NITROGEN	___0.37	
OXYGEN	_____	
HYDROGEN SULFIDE	_____	
CARBON DIOXIDE	___1.78	
METHANE	___80.12	
ETHANE	___10.20	2.7285
PROPANE	___4.26	1.1741
ISO-BUTANE	___0.80	0.2617
N-BUTANE	___1.25	0.3941
ISO-PENTANE	___0.38	0.1390
N-PENTANE	___0.26	0.0942
HEXANE	_____	
HEXANE PLUS	___0.58	0.2531
HEPTANE PLUS	_____	
TOTALS	100.00	5.0447

** DATA AT 14.730 PSIG UNLESS NOTED **

MP NUMBER	34275
EFFECTIVE DATE	19961201

-- GASOLINE CONTENT (GPM) --	
26/70	GASOLINE _____
100%	PROPANE _____
EXCESS	BUTANES _____
TOTAL	

----- SPECIFIC GRAVITY -----	
CALCULATED	___0.7230
MEASURED	_____

SULPHUR GRAINS / 100 CU FT _____

03=MAIN SCREEN

24=HELP PA1=TERMINATE

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED)

OPR008M1 3097

0008 CHROMATOGRAPH TEST MAIN SCREEN

14:14:25.4 12/19/97

FUNCTION (A,C,D,I) I ** DATA AT TEST PRESSURE UNLESS NOTED **
MP NUMBER 34275 RICHARDSON 5
EFFECTIVE DATE 19961201
REGION CD 42 SAN JUAN
MP TYPE CODE 14 CTB SALES

SAMPLE TYPE CODE (GAS, LIQ, BTU) GAS ----- BTU/CF -----
SAMPLE DATE 19961201 --- (AT 14.73 PSIG) --
SAMPLE LINE PRESSURE (PSIG) WET 1204.684 DRY 1226.000
SAMPLE LINE TEMPERATURE (DEG F)
TEST DATE ----- BTU/CF -----
TEST PRESSURE (PSIG) 14.730 WET 1204.684 DRY 1226.000
TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR
TEST LIFE (MONTHS) 6
TESTER SOURCE BA NUMBER 038689 PETROLEUM LAND CORP
TEST PURPOSE CODE

03=DETAIL SCR 04=MP-NM BRWS 06=MP/DS LST 07=MP/WN LST
11=PREV SCR 12=MAIN MENU 20=NEXT REC
21=REFRESH SCR 22=PREV MENU 24=HELP PA1=TERMINATE

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED)

OPR008M1 3097

0008 CHROMATOGRAPH TEST MAIN SCREEN

14:15:00.1 12/19/97

FUNCTION (A,C,D,I) I ** DATA AT TEST PRESSURE UNLESS NOTED **
MP NUMBER 34175 RICHARDSON 5
EFFECTIVE DATE 19961201
REGION CD 42 SAN JUAN
MP TYPE CODE 14 CTB SALES

SAMPLE TYPE CODE (GAS,LIQ,BTU) GAS ----- BTU/CF -----
SAMPLE DATE 19961201 --- (AT 14.73 PSIG) --
SAMPLE LINE PRESSURE (PSIG) _____ WET 1198.789 DRY 1220.000
SAMPLE LINE TEMPERATURE (DEG F) _____
TEST DATE _____ ----- BTU/CF -----
TEST PRESSURE (PSIG) 14.730 WET 1198.789 DRY 1220.000
TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR _____
TEST LIFE (MONTHS) 6
TESTER SOURCE BA NUMBER 038689 PETROLEUM LAND CORP
TEST PURPOSE CODE _____

03=DETAIL SCR	04=MP-NM BRWS	06=MP/DS LST	07=MP/WN LST
11=PREV SCR	12=MAIN MENU		20=NEXT REC
21=REFRESH SCR	22=PREV MENU	24=HELP	PA1=TERMINATE

Page No.: 2

Print Time: Tue Dec 16 09:59:15 1997

Property ID: 3603

Property Name: RICHARDSON SRC | 5 | 66584-1 *MV*

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

--DATE-- ---CUM GAS-- M SIWHP
■■■■■■■■■■ ■■■■■■Mcf■■■■■■ ■■■■Psi■■■■

07/01/59	0	1028.0	<i>Initial</i>
07/17/70	510291	597.0	
07/17/72	580539	597.0	
07/03/73	610575	559.0	
07/03/74	642461	531.0	
06/26/76	711359	527.0	
06/02/78	791716	468.0	
09/16/80	861359	501.0	
08/24/82	911975	536.0	
05/16/84	953297	519.0	
05/21/86	1000531	560.0	
08/24/89	1062266	510.0	
06/18/91	1084498	360.0	
07/02/91	1084520	372.0	
07/02/93	1104365	443.0	<i>Current</i>

Page No.: 1

Print Time: Tue Dec 16 09:59:15 1997

Property ID: 1494

Property Name: RICHARDSON SRC | 5 | 66585-1 *Dakota*

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

--DATE-- ---CUM GAS-- M SIWHP
■■■■■■■■■■ ■■■■■■Mcf■■■■■■ ■■■■Psi■■■■

11/14/65	0	1808.0	<i>Initial</i>
11/30/70	792902	1053.0	
05/18/71	851038	1049.0	
06/18/72	956348	1004.0	
07/03/73	1041969	926.0	
04/18/75	1165980	878.0	
05/17/77	1271243	847.0	
05/02/79	1337782	813.0	
09/01/81	1390352	801.0	
06/09/83	1414022	798.0	
04/03/85	1435675	781.0	<i>current</i>

FDG055M4 3090

Dakota

WELL PRODUCTION 8/8'S VOLUME

12/19/97 09:40:02

DP NO: 66585_
RICHARDSON SRC
S

DATE: 971130 (YYMMDD FORMAT)

5 SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-
L	PRODUCED	ON	(BOPD BOPM)	(MCFD MCFM)	(BWPD BWPM)
-	11/30/97	24.0	1.01 30.33	112 3423	0.00 0.00
-	11/29/97	24.0	1.01 29.32	112 3311	0.00 0.00
-	11/28/97	24.0	1.01 28.31	112 3199	0.00 0.00
-	11/27/97	24.0	1.01 27.30	112 3087	0.00 0.00
-	11/26/97	24.0	1.01 26.29	112 2975	0.00 0.00
-	11/25/97	24.0	1.01 25.28	112 2863	0.00 0.00
-	11/24/97	24.0	1.01 24.27	112 2751	0.00 0.00
-	11/23/97	24.0	1.01 23.26	112 2639	0.00 0.00
-	11/22/97	24.0	1.01 22.25	112 2527	0.00 0.00
-	11/21/97	24.0	1.01 21.24	112 2415	0.00 0.00
-	11/20/97	24.0	-6.95 20.23	112 2303	0.00 0.00

ENTER I UNDER SEL FOR MAINTENANCE

PF12=MAIN MENU	PF6=NRI	PF10=BROWSE MENU	PF11=INQ/UPDATE MENU
	ENTER=BACKWARDS		PF24=HELP

FDG055M4 3090

Dakota
WELL PRODUCTION 8/8'S VOLUME

12/19/97 09:40:25

DP NO: 66585_
RICHARDSON SRC
S

DATE: 971119 (YYMMDD FORMAT)

5 SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-
L	PRODUCED	ON	(BOPD BOPM)	(MCFD MCFM)	(BWPD BWPM)
-	11/19/97	24.0	-6.95	27.18	112 2191 0.00 0.00
-	11/18/97	24.0	-6.95	34.13	118 2079 0.00 0.00
-	11/17/97	24.0	2.39	41.08	118 1961 0.00 0.00
-	11/16/97	24.0	2.39	38.69	118 1843 0.00 0.00
-	11/15/97	24.0	2.39	36.30	118 1725 0.00 0.00
-	11/14/97	24.0	2.39	33.91	118 1607 0.00 0.00
-	11/13/97	24.0	2.39	31.52	118 1489 0.00 0.00
-	11/12/97	24.0	2.39	29.13	118 1371 0.00 0.00
-	11/11/97	24.0	2.39	26.74	118 1253 0.00 0.00
-	11/10/97	24.0	2.39	24.35	118 1135 0.00 0.00
-	11/09/97	24.0	2.39	21.96	113 1017 0.00 0.00

ENTER I UNDER SEL FOR MAINTENANCE

PF6=NRI PF10=BROWSE MENU PF11=INQ/UPDATE MENU
 PF12=MAIN MENU ENTER=BACKWARDS PF24=HELP

FDG055M4 3090

WELL PRODUCTION 8/8'S VOLUME

12/19/97 09:40:52

DP NO: 66584_
RICHARDSON SRC

DATE: 971130 (YYMMDD FORMAT)

5 SCROLL FORWARD BY DATE: _

S

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-		
L	PRODUCED	ON	(BOPD	BOPM)	(MCFD	MCFM)	(BWPD BWPM)
-	11/30/97	24.0	0.34	10.19	155	3344	0.00 0.00
-	11/29/97	24.0	0.34	9.85	155	3189	0.00 0.00
-	11/28/97	24.0	0.34	9.51	155	3034	0.00 0.00
-	11/27/97	24.0	0.34	9.17	155	2879	0.00 0.00
-	11/26/97	24.0	0.34	8.83	155	2724	0.00 0.00
-	11/25/97	24.0	0.34	8.49	155	2569	0.00 0.00
-	11/24/97	24.0	0.34	8.15	155	2414	0.00 0.00
-	11/23/97	24.0	0.34	7.81	155	2259	0.00 0.00
-	11/22/97	24.0	0.34	7.47	155	2104	0.00 0.00
-	11/21/97	24.0	0.34	7.13	155	1949	0.00 0.00
-	11/20/97	24.0	-2.32	6.79	155	1794	0.00 0.00

ENTER I UNDER SEL FOR MAINTENANCE

PF6=NRI PF10=BROWSE MENU PF11=INQ/UPDATE MENU
 PF12=MAIN MENU ENTER=BACKWARDS PF24=HELP

FDG055M4 3090

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WELL PRODUCTION 8/8'S VOLUME

12/19/97 09:40:56

DP NO: 66584_
RICHARDSON SRC
S

DATE: 971119 (YYMMDD FORMAT)
5 SCROLL FORWARD BY DATE: _

E	DATE	HOURS	-OIL PRODN-	-GAS PRODN-	-WATER PRODN-			
L PRODUCED	ON	(BOPD	BOPM)	(MCFD	MC FM)	(BWPD	BWPM)	
-	11/19/97	24.0	-2.32	9.11	155	1639	0.00	0.00
-	11/18/97	24.0	-2.32	11.43	155	1484	0.00	0.00
-	11/17/97	24.0	0.80	13.75	155	1329	0.00	0.00
-	11/16/97	24.0	0.80	12.95	170	1174	0.00	0.00
-	11/15/97	24.0	0.80	12.15	170	1004	0.00	0.00
-	11/14/97	24.0	0.80	11.35	96	834	0.00	0.00
-	11/13/97	24.0	0.80	10.55	96	738	0.00	0.00
-	11/12/97	24.0	0.80	9.75	96	642	0.00	0.00
-	11/11/97	24.0	0.80	8.95	96	546	0.00	0.00
-	11/10/97	24.0	0.80	8.15	96	450	0.00	0.00
-	11/09/97	24.0	0.80	7.35	41	354	0.00	0.00

ENTER I UNDER SEL FOR MAINTENANCE

PF12=MAIN MENU	PF6=NRI	PF10=BROWSE MENU	PF11=INQ/UPDATE MENU
	ENTER=BACKWARDS		PF24=HELP

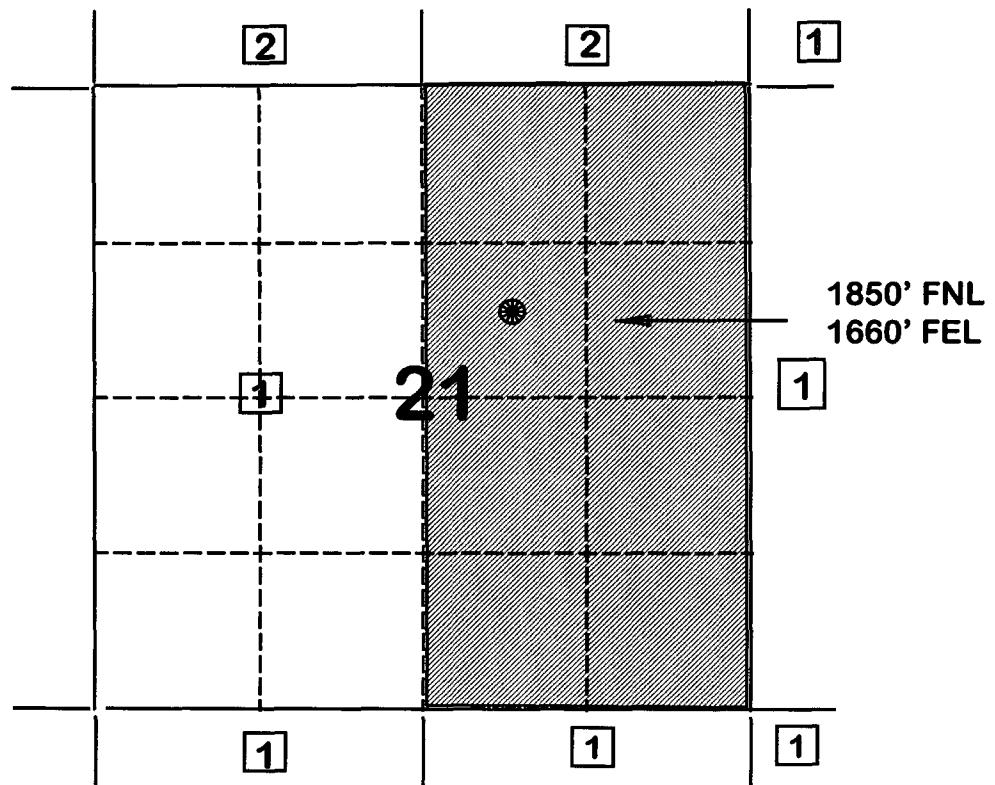
BURLINGTON RESOURCES OIL AND GAS COMPANY

RICHARDSON SRC #5

OFFSET OPERATOR \ OWNER PLAT

Mesaverde / Dakota Formations Commingle Well

Township 31 North, Range 12 West



- 1) Burlington Resources
- 2) Amoco Production Company
c/o Bruce Zimney
P.O. Box 800
Denver, CO 80201

DATE: December 08, 1997
NAME: RICHARDSON SRC 5
FORM: MESAVERDE
LOCATION
UNIT: G
SEC: 21
TWN: 31N
RNG: 12W

LEGEND
COMPLETION DATE *
WELL NAME
MCF/D-CUM(MMF)
BOP/D-CUM(MBO)

1/70 * Newberry LS 6 51/2852(97) 0/8 7/81 * Newberry 13A 7/469(97) 0/1 [17] 12/66 * Newberry 13 78/997(97) 0/3 7/81 * Newberry LS 6A 52/630(97) 0/2	3/57 * State Gas Com N 1 222/4882(97) 1/13 8/81 * 4/57 * State Gas Com M 1 44/1623(97) 0/4	2/50 * Richardson SRC 2 64/2995(97) 0/4 Richardson 12 49/1036(97) 0/4 [15] 12/75 * Richardson 2A 110/1168(97) 0/4 Richardson 12A 80/1095(97) 0/4
8/78 * Ohio F Govt. 1A 80/711(97) 0/1 [20] 9/59 * Nye Federal 1 55/994(97) 0/1 9/80 * Nye Federal 1M 62/517(97) 0/0	5/79 * Sadie West 1A 50/797(97) 0/3 7/59 * Richardson SRC 5 25/1140(97) 0/3 9/57 * Sadie West 1 112/1418(97) 0/0	2/51 * Richardson 3 25/1561(97) 0/0 [22] 3/79 * Richardson 3A 57/603(97) 0/2 Richardson SRC 6 101/1728(97) 0/4
2/81 * Tallferro 4E 60/550(97) 0/1 [29] 5/81 * Tallferro 7 88/412(97) 0/1 10/84 * Stanolind A 1A 83/328(97) 0/1	2/51 * Thompson 2 49/972(97) 0/0 [28] 9/79 * Thompson 9A 74/636(97) 0/2 P&A 4/66 * Thompson 9 17/574(95) 0/2	4/66 * Thompson 10 52/958(97) 0/2 [27] 2/51 * Thompson 4 39/1016(97) 0/0 Thompson 10A 51/816(97) 0/2 8/79 * Thompson 4A 84/787(97) 0/2

T 31 N

DATE: December 08, 1997
NAME: RICHARDSON SRC 5
FORM: DAKOTA
LOCATION
UNIT: G
SEC: 21
TWN: 31N
RNG: 12W

LEGEND
COMPLETION DATE *
WELL NAME
MCFID-CUM(MMF)
BOPID-CUM(MBO)

INA 7/63 * Newberry 1 0/3245(93) 0/18 [17] 12/60 * Newberry Federal 1 10/1628(97) 0/14	8/82 * State Gas Com BA 1E 157/435(97) 1/3 2/65 * State Gas Com BA 1 254/2847(97) [16] 1/26 8/81 * State Gas Com M 1A 74/140(97) 0/0 1/65 * State Gas Com BB 1 115/2911(97) 1/26 10/80 * Richardson 9E 10/283(97) 0/2	5/64 * Richardson 9 56/3821(97) 0/28 [15] 7/60 * Richardson SRC 7 30/3764(97) 0/32 1/80 * Richardson 7E 71/740(97) 0/5
3/81 * Neuman 1E 80/423(97) 0/3 8/60 * Neuman 1 65/2703(97) 0/21 [20] 9/59 * Nye Federal 1 10/1628(97) 0/14 INA 9/80 * Nye Federal 1M 0/18(95) 0/0	8/64 * Sadie West 2 4/1004(97) 0/8 11/65 * Richardson SRC 5 31/1531(97) [21] 0/15 INA 7/82 * Sadie West 2E 0/0(82) 0/0	10/64 * Richardson 11 65/2377(97) 0/21 [22] 5/60 * Richardson SRC 6 18/525(97) 0/5 3/79 * Richardson 6A 113/853(97) 0/4
2/81 * Tallferro 4E 5/108(97) 0/0 [29] 10/62 * Tallferro 4 79/1458(97) 1/11 6/64 * Stanolind A 2 10/696(97) 0/10	P&A 9/62 * Thompson 8 0/126(93) 0/4 [28] P&A 4/66 * Thompson 9 8/216(97) 0/5	P&A 5/66 * Thompson 10 8/248(93) 0/4 [27] 9/60 * Thompson 6 17/387(97) 0/6

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