

**CONOCO INC.
A-RIDGE SURFACE COMMINGLE**

EXHIBIT D
GAS ANALYSIS REPORTS (w/BTU content)

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Station Name: JICARILLA A 9 Dakota

Analysis No.:	204656	208905	218092	222018	234820	251825	269723
Analysis Source:							
Lab Identifier:				KUTZ LAB	K772	K792	K670
Sample From Date:	03/06/94	09/27/94	06/21/96	05/09/97	03/05/98	03/25/99	4/7/2000
Sample To Date:	??/??/??	??/??/??	??/??/??	??/??/??	03/05/98	03/25/99	4/7/2000
Analyzed Date:	03/07/94	09/29/94	06/24/96	05/13/97	03/10/98	03/28/99	4/10/2000
Effective Date:	03/06/94	09/27/94	06/21/96	05/09/97	04/01/98	04/01/99	5/1/2000

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Station Name: JICARILLA A 13 Pictured Cliffs

Analysis No.:	209676	219282	222020	234821	248582	266726	285314
Analysis Source:							
Lab Identifier:			KUTZ LAB	K730	K605	K542	K352
Sample From Date:	10/31/94	11/25/96	05/09/97	02/24/98	01/21/99	02/15/00	3/28/2001
Sample To Date:	??/??/??	??/??/??	??/??/??	02/24/98	01/21/99	02/15/00	3/28/2001
Analyzed Date:	11/01/94	11/26/96	05/13/97	02/26/98	01/25/99	02/16/00	4/2/2001
Effective Date:	10/31/94	11/25/96	05/09/97	03/01/98	02/01/99	02/01/00	4/4/2001

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SUMMARY OF MOST RECENT GAS ANALYSIS
GAS ANALYSIS

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Station ID: 35383
Station Name: JICARILLA A 13 MV/DK

Analysis No.:	209670	213458	213929	218093	224683
Analysis Source:					
Lab Identifier:					
Sample From Date:	10/31/94	05/04/95	05/23/95	06/21/96	07/02/97
Sample To Date:	??/??/??	??/??/??	??/??/??	??/??/??	??/??/??
Analyzed Date:	11/01/94	05/05/95	05/25/95	06/24/96	07/11/97
Effective Date:	10/11/94	05/04/95	05/23/95	06/21/96	07/02/97

Components	Number 1 Mol %	Number 2 Mol %	Number 3 Mol %	Number 4 Mol %	Number 5 Mol %	Number 6 Mol %	Number 7 Mol %
Methane C1	81.6500	81.1500	80.2400	78.6700	80.7800		
Ethane C2	10.1100	10.4100	10.8600	11.2300	10.3400		
Propane C3	4.0900	4.2600	4.5600	4.8400	4.4800		
Iso-butane IC4	0.7400	0.7300	0.7900	0.8000	0.7800		
Normal-butane NC4	1.1000	1.1300	1.2400	1.3300	1.2200		
Iso-pentane IC5	0.4200	0.4100	0.4400	0.5100	0.4200		
Normal-pentane NC5	0.2900	0.3000	0.3100	0.4400	0.3000		
Hexanes C6	0.6900	0.6500	0.6000	0.7700	0.6800		
Heptanes C7	0.0000	0.0000	0.0000	0.0000	0.0000		
Octanes C8							
Nonanes C9	0.0000	0.0000	0.0000	0.0000	0.0000		
Decanes C10	0.0000	0.0000	0.0000	0.0000	0.0000		
Nitrogen N2	0.2100	0.2600	0.3000	0.6900	0.3800		
Carbon Dioxide CO2	0.7000	0.6800	0.6700	0.7200	0.6300		
Carbon Monoxide CO	0.0000	0.0000	0.0000	0.0000	0.0000		
Hydrogen Sulfide H2S	0.0000	0.0000	0.0000	0.0000	0.0000		
Helium HE	0.0000	0.0000	0.0000	0.0000	0.0000		
Specific Gravity:	0.7101	0.7128	0.7196	0.7374	0.7183		
Ideal Specific Grav:	0.0000	0.0000	0.0000	0.0000	0.0000		
Dry BTU :	1235.0000	1239.0000	1249.0000	1270.0000	1247.0000		
Pressure Base:	14.7300	14.7300	14.7300	14.7300	14.7300		
Ideal BTU:	0.0000	0.0000	0.0000	0.0000	0.0000		
Z-Factor:	0.9965	0.9965	0.9965	0.9965	0.9965		

GPM

Ethane C2	2.702	2.782	2.903	3.002	2.764		
Propane C3	1.126	1.173	1.256	1.333	1.234		
Iso-butane IC4	0.242	0.239	0.258	0.262	0.255		
Normal-butane NC4	0.347	0.356	0.391	0.419	0.385		
Iso-pentane IC5	0.154	0.150	0.161	0.187	0.154		
Normal-pentane NC5	0.105	0.109	0.112	0.159	0.109		
Hexanes C6	0.301	0.284	0.262	0.336	0.297		
Heptanes C7	0.000	0.000	0.000	0.000	0.000		
Octanes C8	0.000	0.000	0.000	0.000	0.000		
Nonanes C9	0.000	0.000	0.000	0.000	0.000		
Decanes C10	0.000	0.000	0.000	0.000	0.000		

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Ethane	C2	2.189	2.205	2.208	2.218	2.228	2.196	2.338
Propane	C3	1.162	1.198	1.162	1.159	1.176	1.150	1.207
Iso-butane	IC4	0.258	0.281	0.255	0.267	0.259	0.267	0.323
Normal-butane	NC4	0.347	0.381	0.337	0.364	0.343	0.364	0.401
Iso-pentane	IC5	0.139	0.172	0.146	0.158	0.137	0.154	0.185
Normal-pentane	NC5	0.101	0.116	0.101	0.110	0.098	0.107	0.136
Hexanes	C6	0.275	0.297	0.231	0.232	0.185	0.324	0.376
Heptanes	C7	0.000	0.000	0.000	0.000	0.000	0.000	0
Octanes	C8	0.000	0.000	0.000	0.000	0.000	0.000	0
Nonanes	C9	0.000	0.000	0.000	0.000	0.000	0.000	0
Decanes	C10	0.000	0.000	0.000	0.000	0.000	0.000	0

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Analysis No.:	218088	219646	232594	247278	248564	266662	285306
Analysis Source:	33051	33051	33051	33051	33051	33051	33051
Lab Identifier:			K602	K503	K604	K537	K352
Sample From Date:	06/20/96	01/21/97	01/22/98	12/15/98	01/22/99	02/10/00	3/28/2001
Sample To Date:	??/??/??	??/??/??	01/22/98	12/15/98	01/22/99	02/10/00	3/28/2001
Analyzed Date:	06/21/96	01/22/97	01/27/98	12/17/98	01/25/99	02/11/00	4/2/2001
Effective Date:	06/20/96	01/21/97	02/01/98	01/01/99	02/01/99	02/14/00	4/4/2001

Specific Gravity:	0.7021	0.7018	0.6947	0.7034	0.7191	0.7097	0.7046
Ideal Specific Grav:	0.0000	0.0000	0.6927	0.7014	0.7169	0.7076	0.7025
Dry BTU :	1223.0000	1220.0000	1215.5266	1227.3862	1251.0600	1239.2548	1229.3289
Pressure Base:	14.7300	14.7300	14.7300	14.7300	14.7300	14.7300	14.73
Ideal BTU:	0.0000	0.0000	1211.5814	1223.3159	1246.7181	1235.0477	1225.2244
Z-Factor:	0.9967	0.9967	0.9967	0.9967	0.9967	0.9967	0.9967

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Analysis No.:	219755	232230	238198	239439	249198	265465	285986
Analysis Source:	33066	33066	33066	33066	33066	33066	33066
Lab Identifier:		K603	K044	K094	K640	K483	K382
Sample From Date:	01/21/97	01/26/98	05/20/98	06/01/98	01/29/99	01/21/00	4/10/2001
Sample To Date:	??/??/??	01/26/98	05/20/98	06/01/98	01/29/99	01/21/00	4/10/2001
Analyzed Date:	01/22/97	01/27/98	05/21/98	06/08/98	02/02/99	01/24/00	4/16/2001
Effective Date:	01/21/97	02/01/98	06/01/98	07/01/98	02/01/99	02/01/00	4/17/2001

Specific Gravity:	0.7143	0.6990	0.6990	0.7014	0.7711	0.7015	0.7093
Ideal Specific Grav:	0.0000	0.6969	0.6970	0.6994	0.7683	0.6995	0.7071
Dry BTU :	1244.0000	1222.3302	1220.3569	1223.4792	1328.8086	1220.5481	1234.6426
Pressure Base:	14.7300	14.7300	14.7300	14.7300	14.7300	14.7300	14.73
Ideal BTU:	0.0000	1218.3090	1216.3370	1219.4203	1323.4673	1216.5167	1230.4495
Z-Factor:	0.9966	0.9966	0.9966	0.9966	0.9966	0.9966	0.9966

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Analysis No.:	207812	212679	219273	229316	245116	262118	281875
Analysis Source:	33315	33315	33315	33315	33315	33315	33315
Lab Identifier:					K416	K291	K198
Sample From Date:	08/04/94	03/29/95	11/22/96	10/29/97	10/21/98	10/15/99	1/12/2001
Sample To Date:	??/??/??	??/??/??	??/??/??	10/29/97	10/21/98	10/15/99	1/12/2001
Analyzed Date:	08/05/94	03/31/95	11/23/96	11/05/97	10/23/98	10/28/99	1/15/2001
Effective Date:	08/04/94	03/29/95	11/22/96	11/01/97	11/01/98	10/29/99	1/16/2001

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Analysis No.:	212948	218348	231306	240155	258366	276353	292853
Analysis Source:	35332	35332	35332	35332	35332	35332	35332
Lab Identifier:			K494	K138	K115	K973	K674
Sample From Date:	04/01/95	07/10/96	12/16/97	06/11/98	07/27/99	08/31/00	9/6/2001
Sample To Date:	??/??/??	??/??/??	12/16/97	06/11/98	07/27/99	08/31/00	9/6/2001
Analyzed Date:	04/13/95	07/12/96	12/26/97	06/18/98	07/30/99	09/01/00	9/17/2001
Effective Date:	04/01/95	07/10/96	12/16/97	07/01/98	08/01/99	09/04/00	9/20/2001

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MOBILE ANALYTICAL LABORATORIES, INC.
P. O. BOX 69210
ODESSA, TEXAS 79769-9210
PHONE 915-337-4744 FAX 915-337-8781

ANALYSIS REPORT

COMPANY BENHAM CONSULTING	LAB NUMBER 7436
LEASE JICARILLA A 22Y	DATE SAMPLED 04/13/01
STATION 066-10-111	DATE RUN 04/19/01
OPERATOR CONOCO SAN JUAN	PRESS. PSIA 62.9
EFFECTIVE ... 05/01/01	TEMP. DEG. F 57
	SAMPLE SPOT

COMPONENT	MOL %	GPM
NITROGEN	0.397	0.000
CARBON DIOXIDE	0.446	0.000
METHANE	79.768	0.000
ETHANE	9.334	2.495
PROPANE	5.361	1.476
ISO-BUTANE	1.033	0.338
N-BUTANE	1.624	0.512
ISO-PENTANE	0.595	0.218
N-PENTANE	0.482	0.175
HEXANES PLUS	0.960	0.419
TOTALS	100.000	5.633

ANALYSIS CALCULATED AT 14.73 PSIA & 60 DEG. F

GROSS DRY BTU/CU.FT. 1292.66

GROSS WET BTU/CU.FT. 1270.16

CALC. REAL SP.GR. 0.7444

C5+ GPM 0.812

WATER CONTENT LBS/MMSCF ...

H2S PPM

DISTRIBUTION:

STAN BENHAM

NOTES:

MOBILE ANALYTICAL LABORATORIES, II
P. O. BOX 69210
ODESSA, TEXAS 79769-9210
PHONE 915-337-4744 FAX 915-337-8781

ANALYSIS REPORT

COMPANY	BENHAM CONSULTING	LAB NUMBER	7152
LEASE	JICARILLA A 22Y	DATE SAMPLED	12/20/00
STATION	066-10-111	DATE RUN	12/27/00
OPERATOR	CONOCO SAN JUAN	PRESS. PSIA	57.0
EFFECTIVE ...	01/01/01	TEMP. DEG. F	44
		SAMPLE	SPOT

COMPONENT	MOL %	GPM
NITROGEN	0.514	0.000
CARBON DIOXIDE	0.539	0.000
METHANE	76.506	0.000
ETHANE	11.745	3.139
PROPANE	5.788	1.594
ISO-BUTANE	0.892	0.292
N-BUTANE	1.656	0.522
ISO-PENTANE	0.496	0.182
N-PENTANE	0.434	0.157
HEXANES PLUS	1.430	0.624
TOTALS	100.000	6.510

ANALYSIS CALCULATED AT 14.73 PSIA & 60 DEG. F

GROSS DRY BTU/CU.FT. 1328.46

GROSS WET BTU/CU.FT. 1305.34

CALC. REAL SP.GR. 0.7700

C5+ GPM 0.963

WATER CONTENT LBS/MMSCF ...

H2S PPM

DISTRIBUTION:
STAN BENHAM

NOTES:

MOBILE ANALYTICAL LABORATORIES, INC.

P.O. BOX 69210
 ODESSA, TEXAS 79769-9210
 PHONE (915) 337-4744

3091

ANALYSIS REPORT

DATE: 09/20/00

Company..... CONOCO, INC.
 Lease/Plant.. JICARILLA A 22Y
 Field.....
 County/State.
 Operator..... CONOCO SAN JUAN
 Cylinder No.. 235
 H2S (ppm)....

District.....
 Station..... 066-10-111
 Sample..... GAS
 Sample Pr/Temp 45 Psig 70 Deg
 Line Pr/Temp..
 Date Sampled.. 09/15/00
 Sampled By.... SB

FRACTIONAL ANALYSIS

COMPONENT	MOL %	GPM C2+	GPM C5+
-----	-----	-----	-----
NITROGEN.....	0.42	0.000	0.000
CARBON DIOXIDE	0.81	0.000	0.000
METHANE.....	76.19	0.000	0.000
ETHANE.....	12.32	3.293	0.000
PROPANE.....	5.79	1.594	0.000
ISO-BUTANE....	0.87	0.285	0.000
N-BUTANE.....	1.70	0.536	0.000
ISO-PENTANE...	0.55	0.201	0.201
N-PENTANE.....	0.48	0.174	0.174
HEXANES +.....	0.87	0.375	0.375
	-----	-----	-----
TOTALS	100.00	6.458	0.750

CALC. SP. GRAVITY 0.762

BTU/CU. FT. (14.73 PSIA, 60 DEG. F)

CALC. GROSS WET 1288
 CALC. GROSS DRY 1311

DISTRIBUTION :

NOTES :

MR. STAN BENHAM

SPOT
 EFF. 09/00