

Conoco Inc.
A-Ridge Surface Commingle

Exhibit C
Gas Volumes and BTU Content

Williams Field Services
SUMMARY OF MOST RECENT GAS ANALYSES

02/07/00 09:51:07

PAGE 1

Station ID: 37120

Station Name: JICARILLA A

0010

MV

Analysis No.:	203986	207583	211090	214633	221975	237323	255404
Analysis Source:							
Lab Identifier:						K982	K916
Sample From Date:	02/08/94	07/26/94	01/08/95	07/06/95	05/15/97	04/28/98	05/27/99
Sample To Date:	??/??/??	??/??/??	??/??/??	??/??/??	??/??/??	04/28/98	05/27/99
Analyzed Date:	02/09/94	07/27/94	01/09/95	07/07/95	05/22/97	04/30/98	05/27/99
Effective Date:	02/08/94	07/26/94	01/08/95	07/06/95	05/15/97	05/01/98	06/03/99

		Number 1	Number 2	Number 3	Number 4	Number 5	Number 6	Number 7
Components		Mol %	Mol %	Mol %	Mol %	Mol %	Mol %	Mol %
Methane	C1	73.8200	73.0200	62.3800	80.9900	80.9200	81.5879	93.1061
Ethane	C2	14.3400	14.5000	10.1800	10.0100	10.3800	9.9071	7.1139
Propane	C3	6.7900	6.9700	3.9800	4.2400	4.2900	4.2570	4.5710
Iso-butane	IC4	0.8400	0.8800	0.7500	0.8200	0.8700	0.8460	1.0380
Normal-butane	NC4	1.8300	1.9800	1.0100	1.1800	1.1400	1.1890	1.4410
Iso-pentane	IC5	0.4500	0.5500	0.3400	0.5000	0.4100	0.4620	0.5410
Normal-pentane	NCS	0.3800	0.5100	0.2200	0.3400	0.2900	0.3260	0.3900
Hexanes	C6	0.2900	0.3400	0.2800	1.0300	0.7300	0.5190	0.7160
Heptanes	C7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Octanes	C8							
Nonanes	C9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Decanes	C10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nitrogen	N2	0.5100	0.5100	0.2500	0.2700	0.3100	0.2460	0.6860
Carbon Dioxide	CO2	0.7100	0.7400	0.6100	0.6200	0.6500	0.6600	0.3910
Carbon Monoxide	CO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hydrogen Sulfide	H2S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Helium	HE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Specific Gravity:		0.7634	0.7745	0.6942	0.7241	0.7178	0.7113	0.7146
Ideal Specific Grav:		0.0000	0.0000	0.0000	0.0000	0.0000	0.7092	0.7125
Dry BTU :		1313.0000	1330.0000	1212.0000	1258.0000	1247.0000	1238.0164	1242.3729
Pressure Base:		14.7300	14.7300	14.7300	14.7300	14.7300	14.7300	14.7300
Ideal BTU:		0.0000	0.0000	0.0000	0.0000	0.0000	1233.7856	1238.1150
Z-Factor:		0.9966	0.9966	0.9966	0.9966	0.9966	0.9966	0.9966

GRM

Ethane	C2	3.835	3.878	2.723	2.677	2.776	2.650	1.903
Propane	C3	1.871	1.921	1.097	1.168	1.182	1.173	1.260
Iso-butane	IC4	0.275	0.288	0.245	0.268	0.285	0.277	0.340
Normal-butane	NC4	0.577	0.624	0.318	0.372	0.359	0.375	0.455
Iso-pentane	IC5	0.165	0.201	0.124	0.183	0.150	0.169	0.199
Normal-pentane	NCS	0.138	0.185	0.080	0.123	0.105	0.118	0.141
Hexanes	C6	0.127	0.148	0.122	0.449	0.319	0.226	0.312
Heptanes	C7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Octanes	C8	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nonanes	C9	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Decanes	C10	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ORIFICE METER CALIBRATION OR 'MENT CHANGE REPORT

943-0504(02/96)

Effective Date 6-15-99		Effective Time 0940		Meter Code 3712030	
Reason for Report: ☒ Scheduled ☐ Equipment Change ☐ New Station ☐ Other (specify) ☐ TD ☐ PD ☐ Reconnect		JIC		017 12 028	
Meter Make: JICARILLA A		0010		001575 6	
MEASURING GAS DELIVERED		37120		750	
From: CONOCO INC.		NFS		LAST TEST DATE	
Measuring Equipment Description: 816 D F		Make/Type		5/01/98 7113 12-3-98	
Clock Rotation: 26 DA		Clock Rotation or Dn Load		Clean ☒ Yes ☐ No Sharp Edges ☒ Yes ☐ No Damaged ☐ Yes Explain Plate Flat ☒ Yes ☐ No Plate Direction ☒ OK ☐ No	
Serial No. 202A207870		Serial No.		Mixed Horizontal 750 Mixed Vertical 750 Seal Condition OK	
Chart ☐ STD ☐ INV ☐ EGM Other		Chart ☐ STD ☐ INV ☐ EGM Other		As Found 0 Test Standard in W.C. 0 As Left 0	
Fitting Type		Fitting Make		Differential Range 0 To 100	
Fitting Make		Differential Range		Static Range 0 To 500	
Tap Type ☒ Flange ☐ Pipe		Tap Type ☐ Flange ☐ Pipe		Static Tap Location ☐ Upstream ☐ Down	
Upstream ID 4.027 Orifice Size 0.750		Upstream ID 100 Orifice Size 100		70 70 50 50 30 30 08 04 8 8	
Make		Make		Serial Number	
Temperature Range 0 To 150		Temperature Range		Fuel Check Valve Cond. Code CG BG BB BP N/A	
Checked By		Adjustment Needed ☒ Yes ☐ No ☐ File OK		New or Revised Stamp Data	
Diff. Pen Arc Checked ☒ Yes ☐ No-Explain		Leak Test ☒ Pass ☐ Fail-Explain		Diff. Pen Arc Time Lag 1 Hr 45 Min.	
Remarks Test meter & plate no adj made					
Witness Signature & Company		WFS Signature A. Stevenson			
Dist JIC		Crew		Date 06/30/99	
Emp ID		Hrs & 10ths .9		Crew Size 1	
Part W/O NO 36903		Failure Code			

DISTRIBUTION: 1-White-Measurement-SLC 2-Canary-Witness/Customer/Producer 3-Pink-District Measurement

943-0504(03/96)

DISTRIBUTION: 1-White-Measurement-SLC 2-Cansy-Witness/Customer/Producer 3-Pink-Direct Measurements

0

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 12/99

02/07/00 09:53:24

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES
12	1	1	500	100	4.0270	0.750	F	D	S	16	93	16.0000	0000	O	14.730	60 11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY		
ON	OP	NUM	@14.730	@14.730	DTH	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')
1	2	1	13	1242.3729	16	6	5.62	52.5	120.0	2.2	0.6860	0.3910	0.7146	0.0000
2	2	2	4	1242.3729	5	2	2.37	36.0	116.9	1.4	0.6860	0.3910	0.7146	0.0000
2	3	2	7	1242.3729	9	3	2.25	36.0	115.0	3.6	0.6860	0.3910	0.7146	0.0000
3	4	2	7	1242.3729	9	3	3.25	36.0	112.0	1.8	0.6860	0.3910	0.7146	0.0000
4	5	2	7	1242.3729	9	3	3.25	36.0	109.9	1.3	0.6860	0.3910	0.7146	0.0000
5	6	2	7	1242.3729	9	3	3.50	36.0	106.2	1.6	0.6860	0.3910	0.7146	0.0000
6	7	2	11	1242.3729	14	5	5.12	36.0	109.0	2.0	0.6860	0.3910	0.7146	0.0000
7	8	2	13	1242.3729	16	6	6.10	36.0	112.4	2.0	0.6860	0.3910	0.7146	0.0000
8	9	2	11	1242.3729	14	5	5.53	36.0	111.8	1.7	0.6860	0.3910	0.7146	0.0000
9	10	2	9	1242.3729	11	4	4.25	36.0	108.4	1.9	0.6860	0.3910	0.7146	0.0000
10	11	2	7	1242.3729	9	3	4.25	36.0	113.1	1.0	0.6860	0.3910	0.7146	0.0000
11	12	2	11	1242.3729	14	5	4.75	36.0	110.7	2.3	0.6860	0.3910	0.7146	0.0000
12	13	2	9	1242.3729	11	4	4.50	36.0	108.4	1.7	0.6860	0.3910	0.7146	0.0000
13	14	2	9	1242.3729	11	4	4.13	36.0	110.2	2.0	0.6860	0.3910	0.7146	0.0000
14	15	2	7	1242.3729	9	3	4.37	36.0	110.5	1.0	0.6860	0.3910	0.7146	0.0000
15	16	2	9	1242.3729	11	4	4.50	36.0	100.4	1.8	0.6860	0.3910	0.7146	0.0000
16	17	2	9	1242.3729	11	4	4.12	36.0	101.7	2.1	0.6860	0.3910	0.7146	0.0000
17	18	2	7	1242.3729	9	3	3.88	36.0	106.3	1.3	0.6860	0.3910	0.7146	0.0000
18	18	1	2	1242.3729	2	1	1.13	36.0	105.8	1.7	0.6860	0.3910	0.7146	0.0000
18	19	1	7	1242.3729	9	3	3.50	36.0	114.4	1.5	0.6860	0.3910	0.7146	0.0000
19	20	1	9	1242.3729	11	4	4.12	36.0	112.6	1.9	0.6860	0.3910	0.7146	0.0000
20	21	1	9	1242.3729	11	4	4.63	36.0	114.5	1.5	0.6860	0.3910	0.7146	0.0000
21	22	1	9	1242.3729	11	4	4.37	36.0	115.3	1.7	0.6860	0.3910	0.7146	0.0000
22	23	1	11	1242.3729	14	5	5.51	36.0	116.0	1.7	0.6860	0.3910	0.7146	0.0000
23	24	1	9	1242.3729	11	4	4.62	36.0	114.4	1.5	0.6860	0.3910	0.7146	0.0000
24	25	1	9	1242.3729	11	4	4.87	36.0	113.5	1.4	0.6860	0.3910	0.7146	0.0000
25	26	1	9	1242.3729	11	4	3.75	36.0	112.2	2.4	0.6860	0.3910	0.7146	0.0000
26	27	1	9	1242.3729	11	4	4.01	36.0	111.5	2.1	0.6860	0.3910	0.7146	0.0000
27	28	1	4	1242.3729	5	2	1.00	36.0	111.2	0.9	0.6860	0.3910	0.7146	0.0000
28	29	1	9	1242.3729	11	4	4.00	36.0	112.3	2.1	0.6860	0.3910	0.7146	0.0000
29	30	1	7	1242.3729	9	3	3.50	36.0	116.2	1.5	0.6860	0.3910	0.7146	0.0000
30	31	1	9	1242.3729	11	4	3.49	36.0	118.0	2.6	0.6860	0.3910	0.7146	0.0000
31	1	1	7	1242.3729	9	3	3.72	36.0	118.2	1.3	0.6860	0.3910	0.7146	0.0000

TOTAL

276

344

Weighted Average BTU = 1242.3729

Note: * - Manually entered data

E - Estimated volume

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 11/99

02/07/00 09:53:23

PAGE 1

METER ID: 37120-30

OPERATOR: CONOCO, INC.

NAME: JICARILLA A

0010

mv

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
11	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY		
ON OF	NUM	@14.730	@14.730	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C°)		
1	2	1	7	1242.3729	9	3	2.75	54.0	122.6	2.3	0.6860	0.3910	0.7146	0.0000
2	2	2	7	1242.3729	9	3	1.63	52.5	137.3	5.8	0.6860	0.3910	0.7146	0.0000
2	3	2	4	1242.3729	5	2	3.12	52.5	126.9	0.8	0.6860	0.3910	0.7146	0.0000
3	4	2	9	1242.3729	11	4	6.26	52.5	125.4	0.8	0.6860	0.3910	0.7146	0.0000
4	5	2	9	1242.3729	11	4	4.75	52.5	123.8	1.3	0.6860	0.3910	0.7146	0.0000
5	6	2	7	1242.3729	9	3	4.25	52.5	122.6	1.0	0.6860	0.3910	0.7146	0.0000
6	7	2	7	1242.3729	9	3	4.24	52.5	122.0	1.0	0.6860	0.3910	0.7146	0.0000
7	8	2	9	1242.3729	11	4	4.76	52.5	124.4	1.3	0.6860	0.3910	0.7146	0.0000
8	9	2	9	1242.3729	11	4	4.99	52.5	121.8	1.2	0.6860	0.3910	0.7146	0.0000
9	10	2	7	1242.3729	9	3	5.13	52.5	128.2	0.6	0.6860	0.3910	0.7146	0.0000
10	11	2	7	1242.3729	9	3	5.00	52.5	118.4	0.7	0.6860	0.3910	0.7146	0.0000
11	12	2	9	1242.3729	11	4	4.25	52.5	120.6	1.7	0.6860	0.3910	0.7146	0.0000
12	13	2	7	1242.3729	9	3	4.75	52.5	117.7	0.8	0.6860	0.3910	0.7146	0.0000
13	14	2	7	1242.3729	9	3	4.63	52.5	116.3	0.8	0.6860	0.3910	0.7146	0.0000
14	15	2	7	1242.3729	9	3	5.00	52.5	111.0	0.8	0.6860	0.3910	0.7146	0.0000
15	16	2	9	1242.3729	11	4	5.62	52.5	113.3	1.0	0.6860	0.3910	0.7146	0.0000
16	17	2	7	1242.3729	9	3	5.13	52.5	118.1	0.7	0.6860	0.3910	0.7146	0.0000
17	17	1	2	1242.3729	2	1	1.87	52.5	119.2	0.6	0.6860	0.3910	0.7146	0.0000
17	18	1	4	1242.3729	5	2	3.12	52.5	124.1	0.8	0.6860	0.3910	0.7146	0.0000
18	19	1	7	1242.3729	9	3	3.88	52.5	123.0	1.1	0.6860	0.3910	0.7146	0.0000
19	20	1	4	1242.3729	5	2	3.50	52.5	124.3	0.6	0.6860	0.3910	0.7146	0.0000
20	21	1	7	1242.3729	9	3	2.85	52.5	128.1	2.0	0.6860	0.3910	0.7146	0.0000
21	22	1	7	1242.3729	9	3	3.12	52.5	122.4	1.8	0.6860	0.3910	0.7146	0.0000
22	23	1	2	1242.3729	2	1	1.91	52.5	121.7	0.5	0.6860	0.3910	0.7146	0.0000
23	24	1	7	1242.3729	9	3	2.37	52.5	117.4	3.2	0.6860	0.3910	0.7146	0.0000
24	25	1	4	1242.3729	5	2	2.75	52.5	118.4	1.0	0.6860	0.3910	0.7146	0.0000
25	26	1	4	1242.3729	5	2	3.25	52.5	113.9	0.8	0.6860	0.3910	0.7146	0.0000
26	27	1	9	1242.3729	11	4	3.75	52.5	114.3	2.3	0.6860	0.3910	0.7146	0.0000
27	28	1	13	1242.3729	16	6	4.87	52.5	115.8	3.1	0.6860	0.3910	0.7146	0.0000
28	29	1	13	1242.3729	16	6	5.63	52.5	120.7	2.2	0.6860	0.3910	0.7146	0.0000
29	30	1	13	1242.3729	16	6	4.87	52.5	128.8	2.8	0.6860	0.3910	0.7146	0.0000
30	1	1	13	1242.3729	16	6	4.76	52.5	119.2	3.1	0.6860	0.3910	0.7146	0.0000

Note: * - Manually entered data
E - Estimated volume

TOTAL 237 296 Weighted Average BTU - 1242.3729

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Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 10/99

02/07/00 09:53:22

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EPF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
10	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)		INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY	
ON OF	NUM	@14.730	@14.730	DTH	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')	
1	2	1	7	1242.3729	9	3	3.13	63.0	118.0	1.8	0.6860	0.3910	0.7146	0.0000
2	2	2	4	1242.3729	5	2	1.75	60.0	117.6	2.6	0.6860	0.3910	0.7146	0.0000
2	3	2	4	1242.3729	5	2	1.50	60.0	124.4	3.4	0.6860	0.3910	0.7146	0.0000
3	4	2	7	1242.3729	9	3	2.88	60.0	124.0	2.1	0.6860	0.3910	0.7146	0.0000
4	5	2	7	1242.3729	9	3	2.49	60.0	125.2	2.7	0.6860	0.3910	0.7146	0.0000
5	6	2	7	1242.3729	9	3	2.51	60.0	123.8	2.7	0.6860	0.3910	0.7146	0.0000
6	7	2	7	1242.3729	9	3	2.74	60.0	125.8	2.2	0.6860	0.3910	0.7146	0.0000
7	8	2	11	1242.3729	14	5	2.76	60.0	124.3	6.2	0.6860	0.3910	0.7146	0.0000
8	9	2	7	1242.3729	9	3	2.49	60.0	125.2	2.7	0.6860	0.3910	0.7146	0.0000
9	10	2	9	1242.3729	11	4	2.38	60.0	124.0	5.3	0.6860	0.3910	0.7146	0.0000
10	11	2	13	1242.3729	16	6	3.13	60.0	121.1	7.1	0.6860	0.3910	0.7146	0.0000
11	12	2	9	1242.3729	11	4	3.12	60.0	122.2	3.1	0.6860	0.3910	0.7146	0.0000
12	13	2	15	1242.3729	19	7	3.50	60.0	118.3	7.9	0.6860	0.3910	0.7146	0.0000
13	14	2	4	1242.3729	5	2	1.63	60.0	163.3	2.2	0.6860	0.3910	0.7146	0.0000
14	15	2	7	1242.3729	9	3	2.12	60.0	162.0	3.0	0.6860	0.3910	0.7146	0.0000
15	16	2	9	1242.3729	11	4	2.50	60.0	143.7	4.2	0.6860	0.3910	0.7146	0.0000
16	17	2	11	1242.3729	14	5	2.50	60.0	126.7	7.4	0.6860	0.3910	0.7146	0.0000
17	18	2	7	1242.3729	9	3	2.37	60.0	124.4	3.0	0.6860	0.3910	0.7146	0.0000
18	18	1	2	1242.3729	2	1	0.64	54.0	117.4	4.9	0.6860	0.3910	0.7146	0.0000
18	19	1	4	1242.3729	5	2	1.75	54.0	132.4	2.3	0.6860	0.3910	0.7146	0.0000
19	20	1	9	1242.3729	11	4	2.87	54.0	137.6	3.3	0.6860	0.3910	0.7146	0.0000
20	21	1	9	1242.3729	11	4	2.88	54.0	122.4	3.7	0.6860	0.3910	0.7146	0.0000
21	22	1	7	1242.3729	9	3	2.88	54.0	128.4	2.0	0.6860	0.3910	0.7146	0.0000
22	23	1	7	1242.3729	9	3	2.37	54.0	126.6	3.0	0.6860	0.3910	0.7146	0.0000
23	24	1	9	1242.3729	11	4	2.75	54.0	124.3	4.0	0.6860	0.3910	0.7146	0.0000
24	25	1	9	1242.3729	11	4	3.00	54.0	120.7	3.4	0.6860	0.3910	0.7146	0.0000
25	26	1	9	1242.3729	11	4	3.00	54.0	119.9	3.5	0.6860	0.3910	0.7146	0.0000
26	27	1	9	1242.3729	11	4	2.98	54.0	120.5	3.7	0.6860	0.3910	0.7146	0.0000
27	28	1	7	1242.3729	9	3	2.74	54.0	118.3	2.4	0.6860	0.3910	0.7146	0.0000
28	29	1	11	1242.3729	14	5	3.13	54.0	119.1	5.0	0.6860	0.3910	0.7146	0.0000
29	30	1	13	1242.3729	16	6	3.75	54.0	123.3	4.9	0.6860	0.3910	0.7146	0.0000
30	31	1	11	1242.3729	14	5	3.13	54.0	121.8	4.8	0.6860	0.3910	0.7146	0.0000
31	1	1	13	1242.3729	16	6	3.12	54.0	120.4	7.2	0.6860	0.3910	0.7146	0.0000

Note: * - Manually entered data

E - Estimated volume

TOTAL 274 343 Weighted Average BTU = 1242.3729

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 09/99

02/07/00 09:53:20

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES
9	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60 11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY				
ON OF	NUM	@14.730	@14.730	DIFF	HOURS	DEGF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')				
1	2	1	13	1242.3729	16	6	5.00	69.0	127.0	2.7	0.6860	0.3910	0.7146	0.0000		
2	2	2	4	1242.3729	5	2	1.50	67.5	125.4	3.3	0.6860	0.3910	0.7146	0.0000		
2	3	2	7	1242.3729	9	3	3.00	67.5	127.7	1.8	0.6860	0.3910	0.7146	0.0000		
3	4	2	13	1242.3729	16	6	5.63	67.5	131.3	2.0	0.6860	0.3910	0.7146	0.0000		
4	5	2	13	1242.3729	16	6	6.12	67.5	131.5	1.7	0.6860	0.3910	0.7146	0.0000		
5	6	2	13	1242.3729	16	6	5.25	67.5	131.2	2.3	0.6860	0.3910	0.7146	0.0000		
6	7	2	9	1242.3729	11	4	3.88	67.5	144.9	1.7	0.6860	0.3910	0.7146	0.0000		
7	8	2	11	1242.3729	14	5	4.62	67.5	141.7	2.0	0.6860	0.3910	0.7146	0.0000		
8	9	2	11	1242.3729	14	5	4.75	67.5	133.0	2.0	0.6860	0.3910	0.7146	0.0000		
9	10	2	15	1242.3729	19	7	5.50	67.5	132.3	2.9	0.6860	0.3910	0.7146	0.0000		
10	11	2	13	1242.3729	16	6	4.75	67.5	131.7	2.9	0.6860	0.3910	0.7146	0.0000		
11	12	2	7	1242.3729	9	3	2.37	67.5	152.4	2.5	0.6860	0.3910	0.7146	0.0000		
12	13	2	11	1242.3729	14	5	2.76	67.5	161.1	4.9	0.6860	0.3910	0.7146	0.0000		
13	14	2	11	1242.3729	14	5	3.99	67.5	154.1	2.4	0.6860	0.3910	0.7146	0.0000		
14	15	2	15	1242.3729	19	7	4.63	67.5	148.0	3.7	0.6860	0.3910	0.7146	0.0000		
15	16	2	11	1242.3729	14	5	4.13	67.5	136.3	2.5	0.6860	0.3910	0.7146	0.0000		
16	17	2	11	1242.3729	14	5	4.25	67.5	147.1	2.2	0.6860	0.3910	0.7146	0.0000		
17	17	1	4	1242.3729	5	2	2.50	63.0	135.4	1.1	0.6860	0.3910	0.7146	0.0000		
17	18	1	7	1242.3729	9	3	2.75	63.0	134.0	2.1	0.6860	0.3910	0.7146	0.0000		
18	19	1	9	1242.3729	11	4	3.50	63.0	135.2	2.3	0.6860	0.3910	0.7146	0.0000		
19	20	1	7	1242.3729	9	3	2.63	63.0	124.9	2.4	0.6860	0.3910	0.7146	0.0000		
20	21	1	7	1242.3729	9	3	2.62	63.0	139.9	2.2	0.6860	0.3910	0.7146	0.0000		
21	22	1	7	1242.3729	9	3	3.38	63.0	165.4	1.1	0.6860	0.3910	0.7146	0.0000		
22	23	1	4	1242.3729	5	2	2.87	63.0	171.4	0.7	0.6860	0.3910	0.7146	0.0000		
23	24	1	9	1242.3729	11	4	4.00	63.0	171.9	1.4	0.6860	0.3910	0.7146	0.0000		
24	25	1	4	1242.3729	5	2	2.75	63.0	151.9	0.8	0.6860	0.3910	0.7146	0.0000		
25	26	1	7	1242.3729	9	3	3.13	63.0	132.5	1.6	0.6860	0.3910	0.7146	0.0000		
26	27	1	4	1242.3729	5	2	2.87	63.0	127.6	0.9	0.6860	0.3910	0.7146	0.0000		
27	28	1	7	1242.3729	9	3	3.00	63.0	124.7	1.9	0.6860	0.3910	0.7146	0.0000		
28	29	1	4	1242.3729	5	2	2.75	63.0	124.3	1.0	0.6860	0.3910	0.7146	0.0000		
29	30	1	4	1242.3729	5	2	2.67	63.0	118.4	1.0	0.6860	0.3910	0.7146	0.0000		
30	1	1	4	1242.3729	5	2	3.00	63.0	123.7	0.8	0.6860	0.3910	0.7146	0.0000		
TOTAL													276	347	Weighted Average BTU = 1242.3729	

Note: * - Manually entered data
E - Estimated volume

0

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 08/99

02/07/00 09:53:19

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
8	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)		INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY	
ON OF	NUM	@14.730	@14.730	DTH	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')	
1	2	1	15	1242.3729	19	7	6.87	73.5	132.9	1.8	0.6860	0.3910	0.7146	0.0000
2	2	2	11	1242.3729	14	5	4.36	72.0	126.6	2.4	0.6860	0.3910	0.7146	0.0000
2	3	2	9	1242.3729	11	4	4.00	72.0	127.5	1.8	0.6860	0.3910	0.7146	0.0000
3	4	2	17	1242.3729	21	8	9.13	72.0	128.2	1.4	0.6860	0.3910	0.7146	0.0000
4	5	2	15	1242.3729	19	7	7.24	72.0	127.9	1.7	0.6860	0.3910	0.7146	0.0000
5	6	2	15	1242.3729	19	7	9.38	72.0	136.3	1.0	0.6860	0.3910	0.7146	0.0000
6	7	2	13	1242.3729	16	6	8.75	72.0	129.4	0.9	0.6860	0.3910	0.7146	0.0000
7	8	2	13	1242.3729	16	6	7.37	72.0	131.5	1.2	0.6860	0.3910	0.7146	0.0000
8	9	2	13	1242.3729	16	6	7.13	72.0	130.3	1.3	0.6860	0.3910	0.7146	0.0000
9	10	2	13	1242.3729	16	6	6.74	72.0	136.5	1.4	0.6860	0.3910	0.7146	0.0000
10	11	2	11	1242.3729	14	5	5.01	72.0	132.7	1.8	0.6860	0.3910	0.7146	0.0000
11	12	2	13	1242.3729	16	6	8.63	72.0	134.3	0.8	0.6860	0.3910	0.7146	0.0000
12	13	2	9	1242.3729	11	4	5.62	72.0	138.0	0.9	0.6860	0.3910	0.7146	0.0000
13	14	2	9	1242.3729	11	4	4.75	72.0	138.4	1.2	0.6860	0.3910	0.7146	0.0000
14	15	2	11	1242.3729	14	5	5.11	72.0	139.8	1.6	0.6860	0.3910	0.7146	0.0000
15	16	2	9	1242.3729	11	4	4.02	72.0	151.3	1.6	0.6860	0.3910	0.7146	0.0000
16	17	2	11	1242.3729	14	5	5.00	72.0	141.1	1.7	0.6860	0.3910	0.7146	0.0000
17	18	2	15	1242.3729	19	7	6.00	72.0	131.8	2.4	0.6860	0.3910	0.7146	0.0000
18	18	1	4	1242.3729	5	2	2.37	69.0	129.5	1.3	0.6860	0.3910	0.7146	0.0000
18	19	1	4	1242.3729	5	2	2.00	69.0	134.1	1.8	0.6860	0.3910	0.7146	0.0000
19	20	1	7	1242.3729	9	3	3.63	69.0	131.5	1.2	0.6860	0.3910	0.7146	0.0000
20	21	1	9	1242.3729	11	4	4.12	69.0	129.3	1.7	0.6860	0.3910	0.7146	0.0000
21	22	1	7	1242.3729	9	3	4.38	69.0	129.1	0.9	0.6860	0.3910	0.7146	0.0000
22	23	1	11	1242.3729	14	5	4.87	69.0	126.3	2.0	0.6860	0.3910	0.7146	0.0000
23	24	1	9	1242.3729	11	4	4.50	69.0	126.7	1.5	0.6860	0.3910	0.7146	0.0000
24	25	1	9	1242.3729	11	4	4.13	69.0	133.5	1.7	0.6860	0.3910	0.7146	0.0000
25	26	1	9	1242.3729	11	4	4.50	69.0	136.1	1.4	0.6860	0.3910	0.7146	0.0000
26	27	1	11	1242.3729	14	5	4.50	69.0	134.1	2.2	0.6860	0.3910	0.7146	0.0000
27	28	1	9	1242.3729	11	4	3.75	69.0	129.9	2.1	0.6860	0.3910	0.7146	0.0000
28	29	1	9	1242.3729	11	4	3.37	69.0	127.2	2.6	0.6860	0.3910	0.7146	0.0000
29	30	1	11	1242.3729	14	5	4.00	69.0	125.1	2.9	0.6860	0.3910	0.7146	0.0000
30	31	1	11	1242.3729	14	5	4.36	69.0	125.5	2.5	0.6860	0.3910	0.7146	0.0000
31	1	1	13	1242.3729	16	6	4.64	69.0	125.2	3.1	0.6860	0.3910	0.7146	0.0000

TOTAL

355

443

Weighted Average BTU = 1242.3729

Note: * - Manually entered data

E - Estimated volume

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 07/99

02/07/00 09:53:18

PAGE 1

METER ID: 37120-30
NAME: JICARILLA A

0010

MV

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
7	1	1	500	100	4.0270	0.750	F	D	6	16	83	16.0000	0000	O	14.730	60	11.400

DATE ON OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	INTG DIFF	FLOW HOURS	TEMP DegF	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV	HOURLY COEFF (C')	
1	2	1	17	1242.3729	21	8	5.00	70.5	133.8	4.5	0.6860	0.3910	0.7146	0.0000
2	2	2	4	1242.3729	5	2	1.75	75.0	134.1	2.3	0.6860	0.3910	0.7146	0.0000
2	3	2	13	1242.3729	16	6	4.13	75.0	134.1	3.7	0.6860	0.3910	0.7146	0.0000
3	4	2	22	1242.3729	27	10	6.23	75.0	133.8	4.5	0.6860	0.3910	0.7146	0.0000
4	5	2	17	1242.3729	21	8	5.77	75.0	133.2	3.4	0.6860	0.3910	0.7146	0.0000
5	6	2	13	1242.3729	16	6	4.62	75.0	134.5	3.0	0.6860	0.3910	0.7146	0.0000
6	7	2	17	1242.3729	21	8	5.50	75.0	134.0	3.7	0.6860	0.3910	0.7146	0.0000
7	8	2	19	1242.3729	24	9	5.74	75.0	131.4	4.4	0.6860	0.3910	0.7146	0.0000
8	9	2	17	1242.3729	21	8	5.39	75.0	131.7	3.9	0.6860	0.3910	0.7146	0.0000
9	10	2	6	1242.3729	7	3	1.60	75.0	150.7	5.6	0.6860	0.3910	0.7146	0.0000
10	11	2	13	1242.3729	16	6	3.88	75.0	135.2	4.2	0.6860	0.3910	0.7146	0.0000
11	12	2	15	1242.3729	19	7	4.37	75.0	133.7	4.5	0.6860	0.3910	0.7146	0.0000
12	13	2	19	1242.3729	24	9	5.39	75.0	131.5	5.0	0.6860	0.3910	0.7146	0.0000
13	14	2	17	1242.3729	21	8	3.51	75.0	132.4	9.2	0.6860	0.3910	0.7146	0.0000
14	15	2	19	1242.3729	24	9	5.75	75.0	133.3	4.3	0.6860	0.3910	0.7146	0.0000
15	16	2	11	1242.3729	14	5	3.00	75.0	135.9	4.8	0.6860	0.3910	0.7146	0.0000
16	17	2	6	1242.3729	7	3	2.62	75.0	138.4	2.2	0.6860	0.3910	0.7146	0.0000
17	17	1	2	1242.3729	2	1	0.63	73.5	138.9	4.3	0.6860	0.3910	0.7146	0.0000
17	18	1	9	1242.3729	11	4	3.50	73.5	137.7	2.2	0.6860	0.3910	0.7146	0.0000
18	19	1	17	1242.3729	21	8	6.75	73.5	134.4	2.5	0.6860	0.3910	0.7146	0.0000
19	20	1	17	1242.3729	21	8	8.13	73.5	134.1	1.7	0.6860	0.3910	0.7146	0.0000
20	21	1	17	1242.3729	21	8	7.99	73.5	136.5	1.7	0.6860	0.3910	0.7146	0.0000
21	22	1	17	1242.3729	21	8	7.88	73.5	133.4	1.8	0.6860	0.3910	0.7146	0.0000
22	23	1	17	1242.3729	21	8	7.38	73.5	134.5	2.1	0.6860	0.3910	0.7146	0.0000
23	24	1	19	1242.3729	24	9	7.61	73.5	136.0	2.4	0.6860	0.3910	0.7146	0.0000
24	25	1	19	1242.3729	24	9	9.62	73.5	136.3	1.5	0.6860	0.3910	0.7146	0.0000
25	26	1	17	1242.3729	21	8	6.62	73.5	136.2	2.5	0.6860	0.3910	0.7146	0.0000
26	27	1	15	1242.3729	19	7	5.88	73.5	137.4	2.4	0.6860	0.3910	0.7146	0.0000
27	28	1	22	1242.3729	27	10	9.87	73.5	137.7	1.8	0.6860	0.3910	0.7146	0.0000
28	29	1	24	1242.3729	30	11	8.51	73.5	139.0	2.8	0.6860	0.3910	0.7146	0.0000
29	30	1	17	1242.3729	21	8	7.12	73.5	141.0	2.1	0.6860	0.3910	0.7146	0.0000
30	31	1	17	1242.3729	21	8	7.00	73.5	137.7	2.2	0.6860	0.3910	0.7146	0.0000
31	1	1	15	1242.3729	19	7	6.27	73.5	135.4	2.2	0.6860	0.3910	0.7146	0.0000

Note: * - Manually entered data

E - Estimated volume

TOTAL 506 628 Weighted Average BTU - 1242.3729

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 06/99

02/07/00 09:53:17

PAGE 1

METER ID: 37120-30
NAME: JICARILLA A

0010

MV

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
6	1	1	500	100	4.0270	0.750	F	D	S	16	93	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY		
ON OF	NUM	@14.730	@14.730	DIFF	HOURS	DEGF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')		
1	2	1	35	1238.0164	43	16	7.12	64.5	128.3	9.3	0.2460	0.6600	0.7113	0.0000
2	2	2	4	1238.0164	5	2	1.38	67.5	127.0	3.9	0.2460	0.6600	0.7113	0.0000
2	3	2	11	1238.0164	14	5	3.25	67.5	137.4	4.1	0.2460	0.6600	0.7113	0.0000
3	4	2	11	1242.3729	14	5	3.13	67.5	152.0	4.0	0.6860	0.3910	0.7146	0.0000
4	5	2	9	1242.3729	11	4	3.35	67.5	132.1	2.5	0.6860	0.3910	0.7146	0.0000
5	6	2	13	1242.3729	16	6	3.25	67.5	124.1	6.4	0.6860	0.3910	0.7146	0.0000
6	7	2	11	1242.3729	14	5	2.77	67.5	119.9	6.4	0.6860	0.3910	0.7146	0.0000
7	8	2	11	1242.3729	14	5	2.75	67.5	117.1	6.6	0.6860	0.3910	0.7146	0.0000
8	9	2	7	1242.3729	9	3	2.00	67.5	166.5	3.2	0.6860	0.3910	0.7146	0.0000
9	10	2	13	1242.3729	16	6	3.13	67.5	123.2	7.0	0.6860	0.3910	0.7146	0.0000
10	11	2	26	1242.3729	32	12	4.87	67.5	135.4	10.6	0.6860	0.3910	0.7146	0.0000
11	12	2	20	1242.3729	25	9	4.13	67.5	146.7	7.7	0.6860	0.3910	0.7146	0.0000
12	13	2	24	1242.3729	30	11	4.24	67.5	133.1	11.9	0.6860	0.3910	0.7146	0.0000
13	14	2	24	1242.3729	30	11	4.63	67.5	134.5	9.9	0.6860	0.3910	0.7146	0.0000
14	15	2	24	1242.3729	30	11	4.13	67.5	136.2	12.3	0.6860	0.3910	0.7146	0.0000
15	16	2	24	1242.3729	30	11	4.74	67.5	138.1	9.2	0.6860	0.3910	0.7146	0.0000
16	17	2	20	1242.3729	25	9	3.88	67.5	144.7	8.8	0.6860	0.3910	0.7146	0.0000
17	17	1	7	1242.3729	9	3	1.37	70.5	150.4	7.6	0.6860	0.3910	0.7146	0.0000
17	18	1	13	1242.3729	16	6	4.00	70.5	137.7	3.9	0.6860	0.3910	0.7146	0.0000
18	19	1	20	1242.3729	25	9	5.75	70.5	134.1	4.3	0.6860	0.3910	0.7146	0.0000
19	20	1	15	1242.3729	19	7	4.89	70.5	131.7	3.7	0.6860	0.3910	0.7146	0.0000
20	21	1	17	1242.3729	21	8	4.99	70.5	129.8	4.7	0.6860	0.3910	0.7146	0.0000
21	22	1	17	1242.3729	21	8	5.63	70.5	128.6	3.7	0.6860	0.3910	0.7146	0.0000
22	23	1	17	1242.3729	21	8	5.50	70.5	130.6	3.8	0.6860	0.3910	0.7146	0.0000
23	24	1	17	1242.3729	21	8	5.37	70.5	133.7	3.9	0.6860	0.3910	0.7146	0.0000
24	25	1	17	1242.3729	21	8	5.63	70.5	134.6	3.5	0.6860	0.3910	0.7146	0.0000
25	26	1	20	1242.3729	25	9	5.62	70.5	132.3	4.6	0.6860	0.3910	0.7146	0.0000
26	27	1	17	1242.3729	21	8	6.13	70.5	133.9	3.0	0.6860	0.3910	0.7146	0.0000
27	28	1	15	1242.3729	19	7	5.50	70.5	133.5	2.9	0.6860	0.3910	0.7146	0.0000
28	29	1	11	1242.3729	14	5	4.38	70.5	132.2	2.3	0.6860	0.3910	0.7146	0.0000
29	30	1	15	1242.3729	19	7	4.62	70.5	133.5	4.1	0.6860	0.3910	0.7146	0.0000
30	1	1	15	1242.3729	19	7	4.50	70.5	122.9	4.3	0.6860	0.3910	0.7146	0.0000

Note: * - Manually entered data

E - Estimated volume

TOTAL 520 649 Weighted Average BTU = 1241.9540

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 05/99

02/07/00 09:53:16

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

MV

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
5	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)		INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY	
ON OF	NUM	@14.730	@14.730	DTH	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')	
1	2	1	15	1238.0164	19	7	5.25	57.0	123.7	3.4	0.2460	0.6600	0.7113	0.0000
2	2	2	7	1238.0164	9	3	2.01	52.5	116.3	4.5	0.2460	0.6600	0.7113	0.0000
2	3	2	15	1238.0164	19	7	4.37	52.5	116.8	5.1	0.2460	0.6600	0.7113	0.0000
3	4	2	35	1238.0164	43	16	8.50	52.5	114.9	7.2	0.2460	0.6600	0.7113	0.0000
4	5	2	38	1238.0164	47	17	9.99	52.5	132.8	5.1	0.2460	0.6600	0.7113	0.0000
5	6	2	29	1238.0164	36	13	8.14	52.5	127.3	4.7	0.2460	0.6600	0.7113	0.0000
6	7	2	31	1238.0164	38	14	9.62	52.5	112.8	4.4	0.2460	0.6600	0.7113	0.0000
7	8	2	35	1238.0164	43	16	9.38	52.5	119.5	5.7	0.2460	0.6600	0.7113	0.0000
8	9	2	35	1238.0164	43	16	10.50	52.5	119.4	4.5	0.2460	0.6600	0.7113	0.0000
9	10	2	33	1238.0164	41	15	9.75	52.5	113.9	4.8	0.2460	0.6600	0.7113	0.0000
10	11	2	31	1238.0164	38	14	9.00	52.5	111.0	5.1	0.2460	0.6600	0.7113	0.0000
11	12	2	38	1238.0164	47	17	10.63	52.5	116.9	5.1	0.2460	0.6600	0.7113	0.0000
12	13	2	27	1238.0164	33	12	7.98	52.5	116.7	4.5	0.2460	0.6600	0.7113	0.0000
13	14	2	27	1238.0164	33	12	8.13	52.5	133.1	3.9	0.2460	0.6600	0.7113	0.0000
14	15	2	27	1238.0164	33	12	9.00	52.5	126.7	3.3	0.2460	0.6600	0.7113	0.0000
15	16	2	22	1238.0164	27	10	6.76	52.5	126.7	4.1	0.2460	0.6600	0.7113	0.0000
16	17	2	29	1238.0164	36	13	9.38	52.5	124.9	3.6	0.2460	0.6600	0.7113	0.0000
17	18	2	31	1238.0164	38	14	8.73	52.5	124.5	4.8	0.2460	0.6600	0.7113	0.0000
18	18	1	9	1238.0164	11	4	2.52	64.5	123.2	1.8	0.2460	0.6600	0.7113	0.0000
18	19	1	24	1238.0164	30	11	4.99	64.5	128.0	8.9	0.2460	0.6600	0.7113	0.0000
19	20	1	31	1238.0164	38	14	7.13	64.5	126.0	7.2	0.2460	0.6600	0.7113	0.0000
20	21	1	26	1238.0164	32	12	6.26	64.5	124.7	6.9	0.2460	0.6600	0.7113	0.0000
21	22	1	28	1238.0164	35	13	6.49	64.5	123.1	7.6	0.2460	0.6600	0.7113	0.0000
22	23	1	35	1238.0164	43	16	7.13	64.5	127.0	9.3	0.2460	0.6600	0.7113	0.0000
23	24	1	33	1238.0164	41	15	6.50	64.5	122.9	10.2	0.2460	0.6600	0.7113	0.0000
24	25	1	33	1238.0164	41	15	7.00	64.5	122.6	8.8	0.2460	0.6600	0.7113	0.0000
25	26	1	37	1238.0164	46	17	7.87	64.5	124.9	8.8	0.2460	0.6600	0.7113	0.0000
26	27	1	39	1238.0164	48	18	8.13	64.5	125.4	9.2	0.2460	0.6600	0.7113	0.0000
27	28	1	35	1238.0164	43	16	7.75	64.5	132.8	7.6	0.2460	0.6600	0.7113	0.0000
28	29	1	33	1238.0164	41	15	7.74	64.5	129.4	6.8	0.2460	0.6600	0.7113	0.0000
29	30	1	28	1238.0164	35	13	6.50	64.5	131.2	7.2	0.2460	0.6600	0.7113	0.0000
30	31	1	26	1238.0164	32	12	6.12	64.5	129.8	7.0	0.2460	0.6600	0.7113	0.0000
31	1	1	28	1238.0164	35	13	7.02	64.5	129.8	6.2	0.2460	0.6600	0.7113	0.0000

Note: * - Manually entered data

E - Estimated volume

TOTAL	950	1174	Weighted Average BTU = 1238.0164
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O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 04/99

02/07/00 09:53:16

PAGE 1

METER ID: 17120-10

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
4	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY		
ON OF	NUM	@14.730	@14.730	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF (C')		
1	2	1	33	1238.0164	41	15	24.00	49.5	130.3	0.7	0.2460	0.6600	0.7113	0.0000
2	2	2	16	1238.0164	20	7	9.76	42.0	128.5	0.9	0.2460	0.6600	0.7113	0.0000
2	3	2	25	1238.0164	31	11	13.87	42.0	149.5	1.0	0.2460	0.6600	0.7113	0.0000
3	4	2	47	1238.0164	58	21	24.00	42.0	127.7	1.4	0.2460	0.6600	0.7113	0.0000
4	5	2	47	1238.0164	58	21	24.00	42.0	128.2	1.4	0.2460	0.6600	0.7113	0.0000
5	6	2	43	1238.0164	53	19	24.00	42.0	125.8	1.2	0.2460	0.6600	0.7113	0.0000
6	7	2	38	1238.0164	47	17	24.00	42.0	131.9	0.9	0.2460	0.6600	0.7113	0.0000
7	8	2	36	1238.0164	45	16	24.00	42.0	137.7	0.8	0.2460	0.6600	0.7113	0.0000
8	9	2	31	1238.0164	38	14	24.00	42.0	117.4	0.7	0.2460	0.6600	0.7113	0.0000
9	10	2	31	1238.0164	38	14	24.00	42.0	114.5	0.7	0.2460	0.6600	0.7113	0.0000
10	11	2	34	1238.0164	42	15	24.00	42.0	115.5	0.8	0.2460	0.6600	0.7113	0.0000
11	12	2	34	1238.0164	42	15	24.00	42.0	115.3	0.8	0.2460	0.6600	0.7113	0.0000
12	13	2	34	1238.0164	42	15	24.00	42.0	116.8	0.8	0.2460	0.6600	0.7113	0.0000
13	14	2	18	1238.0164	22	8	14.00	42.0	118.5	0.6	0.2460	0.6600	0.7113	0.0000
14	15	2	0	1238.0164	0	0	0.00	42.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
15	16	2	0	1238.0164	0	0	0.00	42.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
16	17	2	0	1238.0164	0	0	0.00	42.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
17	17	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
17	18	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
18	19	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
19	20	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
20	21	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
21	22	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
22	23	1	0	1238.0164	0	0	0.00	57.0	0.0	0.0	0.2460	0.6600	0.7113	0.0000
23	24	1	33	1238.0164	41	15	8.75	57.0	121.1	5.7	0.2460	0.6600	0.7113	0.0000
24	25	1	22	1238.0164	27	10	5.25	57.0	117.5	7.2	0.2460	0.6600	0.7113	0.0000
25	26	1	22	1238.0164	27	10	5.50	57.0	116.7	6.6	0.2460	0.6600	0.7113	0.0000
26	27	1	20	1238.0164	25	9	5.00	57.0	116.6	6.5	0.2460	0.6600	0.7113	0.0000
27	28	1	18	1238.0164	22	8	4.87	57.0	127.6	5.0	0.2460	0.6600	0.7113	0.0000
28	29	1	18	1238.0164	22	8	4.88	57.0	117.7	5.3	0.2460	0.6600	0.7113	0.0000
29	30	1	18	1238.0164	22	8	4.50	57.0	118.2	6.2	0.2460	0.6600	0.7113	0.0000
30	1	1	18	1238.0164	22	8	4.87	57.0	128.2	4.9	0.2460	0.6600	0.7113	0.0000

TOTAL

636

785

Weighted Average BTU = 1238.0164

Note: * - Manually entered data

E - Estimated volume

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 03/99

02/07/00 09:53:14

PAGE 1

METER ID: 37120-30

OPERATOR: CONOCO, INC.

NAME: JICARILLA A

0010

MV

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES
---	---	-----	-----	-----	-----	---	---	-----	-----	---	-----	-----	-----	-----	-----	-----
3	1	1	500	100	4.0270	0.750	F	D	S	16	93	16.0000	0000	O	14.730	60 11.400

DATE	REF	MCF	BTU(D)		INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY
ON OF	NUM	@14.730	@14.730	DTH	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')
1	2	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600	0.7113 0.0000
2	3	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
3	4	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
4	5	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
5	6	2	2	1238.0164	2	1	0.50	43.5	129.4	7.3	0.2460	0.6600	0.7113 0.0000
6	7	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
7	8	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
8	9	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
9	10	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
10	11	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
11	12	2	2	1238.0164	2	1	1.38	43.5	127.3	1.0	0.2460	0.6600	0.7113 0.0000
12	13	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
13	14	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
14	15	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
15	16	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
16	17	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
17	18	2	0	1238.0164	0	0	0.00	43.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
18	18	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
18	19	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
19	20	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
20	21	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
21	22	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
22	23	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
23	24	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
24	25	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
25	26	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
26	27	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
27	28	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
28	29	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
29	30	1	0	1238.0164	0	0	0.00	49.5	0.0	0.0	0.2460	0.6600	0.7113 0.0000
30	31	1	36	1238.0164	45	16	15.00	49.5	137.9	2.0	0.2460	0.6600	0.7113 0.0000
31	1	1	47	1238.0164	58	21	24.00	49.5	135.2	1.3	0.2460	0.6600	0.7113 0.0000

Note: * - Manually entered data

E - Estimated volume

TOTAL		87		107	Weighted Average BTU = 1238.0164								
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O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 02/99

02/07/00 09:53:13

PAGE 1

METER ID: 37120-30

OPERATOR: CONOCO, INC.

NAME: JICARILLA A

0010

MV

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES
2	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60 11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY
ON OF		014.730	014.730	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF (C')
1	1	1	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
1	2	1	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
2	3	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
3	4	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
4	5	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
5	6	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
6	7	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
7	8	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
8	9	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
9	10	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
10	11	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
11	12	2	0	1238.0164	0	0	0.00	25.5	0.0	0.0	0.2460	0.6600 0.7113 0.0000
12	13	2	21	1238.0164	26	9	9.01	25.5	115.5	2.0	0.2460	0.6600 0.7113 0.0000
13	14	2	46	1238.0164	57	20	24.00	25.5	117.8	1.4	0.2460	0.6600 0.7113 0.0000
14	15	2	43	1238.0164	53	19	24.00	25.5	116.8	1.3	0.2460	0.6600 0.7113 0.0000
15	16	2	46	1238.0164	57	20	24.00	25.5	119.6	1.4	0.2460	0.6600 0.7113 0.0000
16	17	2	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
17	18	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
18	19	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
19	20	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
20	21	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
21	22	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
22	23	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
23	24	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
24	25	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
25	26	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
26	27	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
27	28	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000
28	1	1	0	1238.0164	0	0	0.00	60.0	0.0	0.0	0.2460	0.6600 0.7113 0.0000

TOTAL 156 193 Weighted Average BTU = 1238.0164

Note: * - Manually entered data
E - Estimated volume

O

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 01/99

02/07/00 09:53:12

PAGE 1

METER ID: 37120-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
1	1	1	500	100	4.0270	0.750	F	D	S	16	83	16.0000	0000	O	14.730	60	11.400

DATE	REF	MCF	BTU(D)	INTG	FLOW	TEMP	AVG	AVG	MOL%	MOL%	SPEC	HOURLY		
ON OF	NUM	@14.730	@14.730	DIFF	HOURS	DegF	PSIG	DIFF	N2	CO2	GRAV	COEFF(C')		
1	2	1	56	1238.0164	69	25	24.00	37.5	117.8	2.2	0.2460	0.6600	0.7113	0.0000
2	2	2	20	1238.0164	26	9	10.24	36.0	114.5	1.6	0.2460	0.6600	0.7113	0.0000
2	3	2	27	1238.0164	33	12	13.76	36.0	117.6	1.5	0.2460	0.6600	0.7113	0.0000
3	4	2	50	1238.0164	62	22	24.00	36.0	109.7	1.8	0.2460	0.6600	0.7113	0.0000
4	5	2	38	1238.0164	47	17	24.00	36.0	110.9	1.1	0.2460	0.6600	0.7113	0.0000
5	6	2	43	1238.0164	53	19	24.00	36.0	110.5	1.3	0.2460	0.6600	0.7113	0.0000
6	7	2	38	1238.0164	47	17	24.00	36.0	111.7	1.0	0.2460	0.6600	0.7113	0.0000
7	8	2	34	1238.0164	42	15	23.50	36.0	113.4	0.8	0.2460	0.6600	0.7113	0.0000
8	9	2	36	1238.0164	45	16	24.00	36.0	107.8	1.0	0.2460	0.6600	0.7113	0.0000
9	10	2	36	1238.0164	45	16	24.00	36.0	106.8	1.0	0.2460	0.6600	0.7113	0.0000
10	11	2	18	1238.0164	22	8	11.24	36.0	108.8	1.1	0.2460	0.6600	0.7113	0.0000
11	12	2	29	1238.0164	36	13	12.76	36.0	120.0	2.0	0.2460	0.6600	0.7113	0.0000
12	13	2	38	1238.0164	47	17	24.00	36.0	119.5	1.0	0.2460	0.6600	0.7113	0.0000
13	14	2	36	1238.0164	45	16	24.00	36.0	118.1	0.9	0.2460	0.6600	0.7113	0.0000
14	15	2	34	1238.0164	42	15	24.00	36.0	114.8	0.8	0.2460	0.6600	0.7113	0.0000
15	16	2	29	1238.0164	36	13	24.00	36.0	123.1	0.6	0.2460	0.6600	0.7113	0.0000
16	17	2	27	1238.0164	33	12	24.00	36.0	123.4	0.5	0.2460	0.6600	0.7113	0.0000
17	17	3	11	1238.0164	14	5	10.24	34.5	125.0	0.4	0.2460	0.6600	0.7113	0.0000
17	18	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
18	19	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
19	20	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
20	21	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
21	22	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
22	23	3	16	1238.0164	20	7	15.39	34.5	122.2	0.4	0.2460	0.6600	0.7113	0.0000
23	24	3	23	1238.0164	28	10	24.00	34.5	118.5	0.3	0.2460	0.6600	0.7113	0.0000
24	25	3	25	1238.0164	31	11	24.00	34.5	121.4	0.4	0.2460	0.6600	0.7113	0.0000
25	26	3	20	1238.0164	25	9	20.86	34.5	120.8	0.4	0.2460	0.6600	0.7113	0.0000
26	27	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
27	28	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
28	29	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
29	30	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
30	31	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000
31	1	3	0	1238.0164	0	0	0.00	34.5	0.0	0.0	0.2460	0.6600	0.7113	0.0000

Note: * - Manually entered data

B - Estimated volume

TOTAL	684	847	Weighted Average BTU = 1238.0164
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Williams Field Services
SUMMARY OF MOST RECENT GAS ANALYSES

02/07/00 09:50:57

PAGE 1

Station ID: 37125
Station Name: JICARILLA A

0010

PC

Analysis No.:	207769	208167	212946	219276	238151	255213	256566
Analysis Source:	37125	37125	37125	37125	37125	37125	37125
Lab Identifier:					K029	K946	K023
Sample From Date:	08/03/94	08/24/94	04/11/95	11/22/96	05/14/98	05/27/99	06/22/99
Sample To Date:	??/??/??	??/??/??	??/??/??	??/??/??	05/14/98	05/27/99	06/22/99
Analyzed Date:	08/04/94	08/25/94	04/13/95	11/23/96	05/19/98	05/27/99	06/25/99
Effective Date:	08/02/94	08/24/94	04/11/95	11/22/96	06/01/98	06/01/99	07/01/99

Components		Number 1 Mol %	Number 2 Mol %	Number 3 Mol %	Number 4 Mol %	Number 5 Mol %	Number 6 Mol %	Number 7 Mol %
Methane	C1	85.7100	81.9000	85.3100	83.9700	83.4040	83.1061	83.2950
Ethane	C2	6.9200	10.7100	6.9100	7.1600	7.2451	7.1139	6.9650
Propane	C3	3.9400	3.7500	4.0600	4.5000	4.4805	4.5710	4.4960
Iso-butane	IC4	0.7900	0.6500	0.8400	0.9800	1.0100	1.0380	1.0250
Normal-butane	NC4	1.0300	1.0700	1.1000	1.3400	1.3964	1.4440	1.4180
Iso-pentane	IC5	0.3400	0.2400	0.3800	0.4700	0.5650	0.5410	0.5160
Normal-pentane	NC5	0.2400	0.1700	0.2600	0.3200	0.4595	0.3900	0.3840
Hexanes	C6	0.4200	0.5000	0.4800	0.4700	0.7390	0.7160	1.1310
Heptanes	C7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Octanes	C8							
Nonanes	C9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Decanes	C10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nitrogen	N2	0.3200	0.3300	0.3400	0.4100	0.2590	0.6860	0.3260
Carbon Dioxide	CO2	0.2900	0.6900	0.3200	0.3900	0.4415	0.3910	0.4140
Carbon Monoxide	CO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hydrogen Sulfide	H2S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Helium	HE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Specific Gravity:		0.6799	0.6975	0.6857	0.7011	0.7144	0.7146	0.7224
Ideal Specific Grav:		0.0000	0.0000	0.0000	0.0000	0.7122	0.7125	0.7202
Dry BTU :		1197.0000	1214.0000	1205.0000	1226.0000	1247.8300	1242.3729	1259.8364
Pressure Base:		14.7300	14.7300	14.7300	14.7300	14.7300	14.7300	14.7300
Ideal BTU:		0.0000	0.0000	0.0000	0.0000	1243.5236	1238.1150	1255.3954
Z-Factor:		0.9965	0.9965	0.9965	0.9965	0.9965	0.9965	0.9965

GPM

Components		1.851	2.864	1.848	1.915	1.938	1.903	1.863
Ethane	C2							
Propane	C3	1.086	1.033	1.119	1.240	1.235	1.260	1.239
Iso-butane	IC4	0.258	0.213	0.275	0.321	0.330	0.340	0.335
Normal-butane	NC4	0.325	0.337	0.347	0.422	0.440	0.455	0.447
Iso-pentane	IC5	0.124	0.088	0.139	0.172	0.207	0.199	0.200
Normal-pentane	NC5	0.087	0.062	0.094	0.116	0.166	0.141	0.139
Hexanes	C6	0.183	0.218	0.209	0.205	0.322	0.312	0.493
Heptanes	C7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Octanes	C8	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nonanes	C9	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Decanes	C10	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ORIFICE METER CALIBRATION OR 'PMENT CHANGE REPORT

943-0504(03/86)

Effective Date 6-15-89		Effective Time 1220		Meter Code 3712530	
Reason for Report ☒ Scheduled ☐ Equipment Change ☐ New Station ☐ Other (specify) ☐ TD ☐ PD ☐ Reconnect		JIC		017 12 C27	
Meter Name JICARILLA A		0010		001575 6	
MEASURING GAS DELIVERED					PREPRINTED INFORMATION CHANGED ☐
From CONOCO INC.					LAST TEST DATE
TO WFS					
Measuring Equipment Existing or Borrowed		Measuring Equipment Installed		LEAK NUMBER 6/01/98 7144	
Make/Type FIS EGM		Make/Type		ORIFICE PLATE CONDITION	
Clock Rotation 6 DA		Clock Rotation or On Load		Clean ☒ Yes ☐ No Sharp Edges ☒ Yes ☐ No Damaged ☐ Yes, Explain Plate Flat ☒ Yes ☐ No Plate Direction ☒ OK ☐ No	
Serial No. 13938707		Serial No.		Mixed Horizontal 500 Mixed Vertical 500 Seal Condition OK	
Chart ☐ STD ☐ INV ☐ EGM Other		Chart ☐ STD ☐ INV ☐ EGM Other		DIFF. TEST	
Fitting Type		Fitting Type		At Found 0.1 Test Standard 0 As Left 5	
Fitting Make		Fitting Make		Differential Range 124.9 To 125	
Differential Range 0 To 250		Differential Range To		Static Range 249.93 To 250	
Static Range 0 To 500		Static Range To		Tap Type ☐ Range ☐ Pipe	
Tap Type ☐ Range ☐ Pipe		Tap Type ☐ Flange ☐ Pipe		Static Tap Location ☐ Upstream ☐ Down	
Static Tap Location ☐ Upstream ☐ Down		Static Tap Location ☐ Upstream ☐ Down		Upstream ID 4.025 Orifice Size 0.500	
Upstream ID 4.025 Orifice Size 0.500		Upstream ID 0.06 Orifice Size 0		CONTINUOUS SAMPLER	
Make		Make		Motor 82.8 Test 82.8 Meter SA	
Serial Number		Serial Number		DIAPHRAGM SEALINGS	
Temperature Range 0 To 150		Temperature Range To		Fuel Check Valve Cond. Code	
AS FOUND		AS LEFT		Checked By CG BG BB BP N/A	
11.1 0 11.40 = 11.4		260.1 250 11.40 = 261.4		Adjustment Needed ☐ Yes ☒ No ☐ File OK	
511.37 500 11.40 = 511.4		411.5 400 11.4 411.4		New or Revised Stamp Data	
111.04 100 11.4 111.4		11.1 0 11.4 11.4		Diff. Pen Arc Checked ☐ Yes ☐ No-Explain	
11.4 0 11.40 = 11.4		261.4 250 11.40 = 261.4		Leak Test ☐ Pass ☐ Fail-Explain	
511.4 500 11.40 = 511.4		411.4 400 11.4 411.4		Diff. Pen Arc Time Lag	
111.4 100 11.4 111.4		11.4 0 11.4 11.4		Hr. Min.	
11.4 0 11.4 11.4				Remarks Test meters + v plate adjusted static	
Witness Signature & Company		WFS Signature [Signature]			
Dist. JIC		Crew		Due Date 06/30/89	
Emp. ID 39125138		Work Travel Time 9		Crew Size 1	
Hrs & 10ths		PM WO. NO. 36901		Failure Code	

DISTRIBUTION: 1-White-Measurement-SLC 2-Canary-Witness-Customer/Producer 3-Pink-District-Measurement

ORIFICE METER CALIBRATION OR EQUIPMENT CHANGE REPORT

Effective Date **4-14-99** Effective Time _____ Meter Code **37120308**

Reason for Report: ☐ Scheduled ☐ Equipment Change ☐ New Station ☐ Other (specify) ☐ TD ☐ PD ☐ Reconnect **Jic 17 12 21**

Meter Name: **Jic A #10** OPER: **1575** NO TAG: _____ PREPRINTED INFORMATION CHANGED ☐

MEASURING GAS DELIVERED: _____

From: **CONOCO INC** LAST TEST DATE: _____

To: **WFS**

Measuring Equipment Existing or Removed: _____ Measuring Equipment Installed: _____

Make/Type: _____ Make/Type: _____

Clock Rotation or On Load: _____ Clock Rotation or On Load: _____

Serial No.: _____ Serial No.: _____

Chart: ☐ STD ☐ INV ☐ EGM Other: _____ Chart: ☐ STD ☐ INV ☐ EGM Other: _____

Fitting Type: _____ Fitting Type: _____

Fitting Make: _____ Fitting Make: _____

Differential Range To: _____ Differential Range To: _____

Static Range To: _____ Static Range To: _____

Tap Type: ☐ Flange ☐ Pipe Tap Type: ☐ Flange ☐ Pipe

Static Tap Location: ☐ Upstream ☐ Down Static Tap Location: ☐ Upstream ☐ Down

Upstream ID: **4.025** Orifice Size: **495** Upstream ID: **4.025** Orifice Size: **500**

Make: _____ Make: _____

Serial Number: _____ Serial Number: _____

Temperature Range To: _____ Temperature Range To: _____

AS FOUND

0	+	=
	+	=
	+	=
0		
0	+	=
	+	=
	+	=
0		

AS TESTED

Remarks: **Replaced Bowed plate with like kind size 500 to 500**

Bowed D/S 41"

Witness Signature & Company: _____ WFS Signature: **[Signature]**

Dist: _____ Crew: _____ Date: _____ Emp ID: _____ Work/Travel Time: _____ Crew Size: _____ PM WO/NO: _____ Failure Code: _____

125138 Hrs & 10ths: **.3** **1**

949-0504/03/963

Place Inside Edge of Offset Plate on Arrow and Mark Both Edges on Scale

0

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 12/99

02/07/00 09:59:41

PAGE 1

METER ID: 37125-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
12	1	1	500	250	4.0250	0.500	F	U	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)	FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC					
ON OF	NUM	@14.730	@14.730	EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV					
1	2	1	80	1259.8364	100	54	24.00	44.0	119.2	22.6	0.3260	0.4140	0.7224			
2	3	2	77	1259.8364	97	52	24.00	42.0	117.4	21.2	0.3260	0.4140	0.7224			
3	4	3	80	1259.8364	101	54	24.00	36.0	115.2	24.0	0.3260	0.4140	0.7224			
4	5	4	79	1259.8364	100	54	24.00	34.0	113.3	23.2	0.3260	0.4140	0.7224			
5	6	5	80	1259.8364	101	54	24.00	35.0	113.1	23.4	0.3260	0.4140	0.7224			
6	7	6	80	1259.8364	101	54	24.00	35.0	113.1	23.4	0.3260	0.4140	0.7224			
7	8	7	70	1259.8364	88	66	17.60	36.0	115.7	39.3	0.3260	0.4140	0.7224			
8	9	8	121	1259.8364	152	82	24.00	35.0	115.7	58.3	0.3260	0.4140	0.7224			
9	10	9	74	1259.8364	93	78	15.50	31.0	114.4	58.3	0.3260	0.4140	0.7224			
10	11	10	148	1259.8364	186	102	24.00	36.0	118.0	95.6	0.3260	0.4140	0.7224			
11	12	11	214	1259.8364	269	146	24.00	31.0	117.7	165.6	0.3260	0.4140	0.7224			
12	13	12	220	1259.8364	277	150	24.00	31.0	117.4	174.3	0.3260	0.4140	0.7224			
13	14	13	77	1259.8364	98	75	16.80	22.0	112.0	63.2	0.3260	0.4140	0.7224			
14	15	14	76	1259.8364	96	86	14.70	28.0	115.7	75.6	0.3260	0.4140	0.7224			
15	16	15	26	1259.8364	33	53	8.10	18.0	104.7	16.5	0.3260	0.4140	0.7224			
16	17	16	62	1259.8364	78	109	9.50	34.0	112.4	122.4	0.3260	0.4140	0.7224			
17	18	17	147	1259.8364	185	118	20.90	36.0	115.3	120.2	0.3260	0.4140	0.7224			
18	19	18	135	1259.8364	171	93	24.00	44.0	120.7	64.9	0.3260	0.4140	0.7224			
19	20	19	135	1259.8364	171	93	24.00	44.0	120.7	64.9	0.3260	0.4140	0.7224			
20	21	20	103	1259.8364	130	83	20.40	36.0	117.4	57.0	0.3260	0.4140	0.7224			
21	22	21	107	1259.8364	135	108	16.70	32.0	118.8	97.7	0.3260	0.4140	0.7224			
22	23	22	94	1259.8364	119	67	23.00	31.0	115.3	43.6	0.3260	0.4140	0.7224			
23	24	23	136	1259.8364	172	94	21.00	32.0	114.9	97.2	0.3260	0.4140	0.7224			
24	25	24	79	1259.8364	99	53	24.00	34.0	115.3	22.3	0.3260	0.4140	0.7224			
25	26	25	107	1259.8364	134	72	24.00	32.0	114.0	43.5	0.3260	0.4140	0.7224			
26	27	26	76	1259.8364	96	51	24.00	35.0	112.5	21.5	0.3260	0.4140	0.7224			
27	28	27	136	1259.8364	172	84	24.00	35.0	113.9	89.7	0.3260	0.4140	0.7224			
28	29	28	75	1259.8364	95	51	24.00	35.0	115.3	20.4	0.3260	0.4140	0.7224			
29	30	29	74	1259.8364	94	50	24.00	36.0	117.4	19.5	0.3260	0.4140	0.7224			
30	31	30	91	1259.8364	115	63	21.00	34.0	120.4	33.6	0.3260	0.4140	0.7224			
31	1	31	159	1259.8364	200	108	24.00	34.0	122.4	107.6	0.3260	0.4140	0.7224			
TOTAL												3218	4058	Weighted Average BTU = 1259.8364		

Note: * - Manually entered data
E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 11/99

12/02/99 08:57:04

PAGE 1

METER ID: 37125-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
11	1	1	500	250	4.0250	0.500	F	U	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)	DTN	FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC	
ON OF	NUM	@14.730	@14.730		EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV	
1	2	1	69	1259.8364	87	68	16.90	50.0	128.8	35.1	0.3260	0.4140	0.7224
2	3	2	79	1259.8364	100	54	24.00	51.0	134.3	20.4	0.3260	0.4140	0.7224
3	4	3	12	1259.8364	16	39	5.20	42.0	123.7	13.3	0.3260	0.4140	0.7224
4	5	4	58	1259.8364	73	88	10.90	55.0	126.3	60.4	0.3260	0.4140	0.7224
5	6	5	86	1259.8364	108	59	24.00	51.0	123.4	26.2	0.3260	0.4140	0.7224
6	7	6	76	1259.8364	96	52	24.00	51.0	124.2	20.1	0.3260	0.4140	0.7224
7	8	7	76	1259.8364	96	52	24.00	50.0	127.0	19.5	0.3260	0.4140	0.7224
8	9	8	76	1259.8364	95	52	24.00	52.0	123.8	20.0	0.3260	0.4140	0.7224
9	10	9	76	1259.8364	95	52	24.00	52.0	126.7	19.5	0.3260	0.4140	0.7224
10	11	10	75	1259.8364	95	51	24.00	49.0	121.2	20.0	0.3260	0.4140	0.7224
11	12	11	75	1259.8364	95	52	24.00	51.0	120.2	20.2	0.3260	0.4140	0.7224
12	13	12	75	1259.8364	95	51	24.00	50.0	117.4	20.6	0.3260	0.4140	0.7224
13	14	13	75	1259.8364	94	51	24.00	49.0	116.1	20.6	0.3260	0.4140	0.7224
14	15	14	64	1259.8364	80	69	15.40	49.0	115.3	41.9	0.3260	0.4140	0.7224
15	16	15	84	1259.8364	106	58	24.00	50.0	114.7	27.0	0.3260	0.4140	0.7224
16	17	16	76	1259.8364	96	52	24.00	48.0	118.6	20.7	0.3260	0.4140	0.7224
17	18	17	87	1259.8364	110	62	23.20	51.0	122.6	29.9	0.3260	0.4140	0.7224
18	19	18	75	1259.8364	95	51	24.00	50.0	122.3	19.8	0.3260	0.4140	0.7224
19	20	19	77	1259.8364	97	52	24.00	43.0	121.0	20.9	0.3260	0.4140	0.7224
20	21	20	75	1259.8364	95	51	24.00	45.0	125.7	19.2	0.3260	0.4140	0.7224
21	22	21	75	1259.8364	95	51	24.00	43.0	121.1	19.7	0.3260	0.4140	0.7224
22	23	22	75	1259.8364	95	51	24.00	39.0	121.2	19.5	0.3260	0.4140	0.7224
23	24	23	55	1259.8364	69	74	12.70	34.0	116.4	57.1	0.3260	0.4140	0.7224
24	25	24	67	1259.8364	85	86	12.70	39.0	119.3	60.4	0.3260	0.4140	0.7224
25	26	25	92	1259.8364	116	83	18.20	36.0	117.3	55.9	0.3260	0.4140	0.7224
26	27	26	127	1259.8364	160	87	24.00	39.0	114.3	73.4	0.3260	0.4140	0.7224
27	28	27	74	1259.8364	94	50	24.00	40.0	112.3	20.6	0.3260	0.4140	0.7224
28	29	28	37	1259.8364	47	41	14.80	39.0	119.2	14.5	0.3260	0.4140	0.7224
29	30	29	7	1259.8364	9	17	7.00	36.0	126.6	2.0	0.3260	0.4140	0.7224
30	1	30	56	1259.8364	71	64	14.50	44.0	120.2	37.1	0.3260	0.4140	0.7224

TOTAL

2111

2665

Weighted Average BTU = 1259.8364

Note: * - Manually entered data
E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 10/99

11/09/99 15:03:35

PAGE 21

METER ID: 37125-30
NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
10	1	1	500	250	4.0250	0.500	F	U	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)		FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC	
ON OF	NUM	@14.730	@14.730	DTH	EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV	
1	2	1	77	1259.8364	97	54	24.00	62.0	123.2	21.4	0.3260	0.4140	0.7224
2	3	2	77	1259.8364	97	54	24.00	63.0	123.6	21.2	0.3260	0.4140	0.7224
3	4	3	77	1259.8364	97	54	24.00	62.0	123.3	21.3	0.3260	0.4140	0.7224
4	5	4	77	1259.8364	97	53	24.00	61.0	124.9	20.8	0.3260	0.4140	0.7224
5	6	5	77	1259.8364	97	53	24.00	63.0	126.4	20.6	0.3260	0.4140	0.7224
6	7	6	77	1259.8364	97	54	24.00	65.0	126.6	20.9	0.3260	0.4140	0.7224
7	8	7	77	1259.8364	97	53	24.00	59.0	126.2	20.8	0.3260	0.4140	0.7224
8	9	8	76	1259.8364	96	52	24.00	59.0	124.3	20.2	0.3260	0.4140	0.7224
9	10	9	77	1259.8364	97	53	24.00	61.0	125.1	20.7	0.3260	0.4140	0.7224
10	11	10	77	1259.8364	97	53	24.00	61.0	122.2	21.2	0.3260	0.4140	0.7224
11	12	11	77	1259.8364	97	53	24.00	62.0	120.9	21.5	0.3260	0.4140	0.7224
12	13	12	77	1259.8364	97	53	24.00	62.0	120.0	21.6	0.3260	0.4140	0.7224
13	14	13	75	1259.8364	95	52	24.00	62.0	165.7	15.7	0.3260	0.4140	0.7224
14	15	14	76	1259.8364	96	53	24.00	61.0	164.0	15.8	0.3260	0.4140	0.7224
15	16	15	77	1259.8364	97	53	24.00	60.0	145.5	18.1	0.3260	0.4140	0.7224
16	17	16	77	1259.8364	97	53	24.00	57.0	127.7	20.3	0.3260	0.4140	0.7224
17	18	17	76	1259.8364	96	52	24.00	52.0	125.2	20.1	0.3260	0.4140	0.7224
18	19	18	78	1259.8364	98	64	20.10	52.0	128.5	31.0	0.3260	0.4140	0.7224
19	20	19	76	1259.8364	96	52	24.00	53.0	141.2	17.9	0.3260	0.4140	0.7224
20	21	20	74	1259.8364	93	50	24.00	43.0	123.6	18.7	0.3260	0.4140	0.7224
21	22	21	74	1259.8364	94	51	24.00	45.0	123.9	18.9	0.3260	0.4140	0.7224
22	23	22	82	1259.8364	103	57	23.80	55.0	127.2	23.8	0.3260	0.4140	0.7224
23	24	23	75	1259.8364	94	51	24.00	55.0	125.7	19.3	0.3260	0.4140	0.7224
24	25	24	72	1259.8364	91	50	24.00	54.0	123.8	18.4	0.3260	0.4140	0.7224
25	26	25	71	1259.8364	90	49	24.00	54.0	121.8	18.0	0.3260	0.4140	0.7224
26	27	26	72	1259.8364	90	49	24.00	53.0	121.6	18.1	0.3260	0.4140	0.7224
27	28	27	72	1259.8364	90	49	24.00	52.0	121.6	18.2	0.3260	0.4140	0.7224
28	29	28	71	1259.8364	90	49	24.00	53.0	123.9	17.8	0.3260	0.4140	0.7224
29	30	29	72	1259.8364	90	49	24.00	53.0	126.2	17.6	0.3260	0.4140	0.7224
30	31	30	74	1259.8364	93	50	24.00	48.0	127.1	18.4	0.3260	0.4140	0.7224
31	1	31	74	1259.8364	93	66	18.60	51.0	121.5	34.9	0.3260	0.4140	0.7224

TOTAL 2341

2949

Weighted Average BTU = 1259.8364

Note: * - Manually entered data
E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 09/99

10/09/99 10:28:56

PAGE 35

METER ID: 37125-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
9	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE ON	REF OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV
1	2	1	78	1259.8364	99	0	24.00	68.0	126.2	0.0	0.3260	0.4140	0.7224
2	3	2	78	1259.8364	98	0	24.00	66.0	127.6	0.0	0.3260	0.4140	0.7224
3	4	3	78	1259.8364	98	0	24.00	67.0	130.4	0.0	0.3260	0.4140	0.7224
4	5	4	78	1259.8364	98	0	24.00	67.0	128.6	0.0	0.3260	0.4140	0.7224
5	6	5	78	1259.8364	98	0	24.00	69.0	128.4	0.0	0.3260	0.4140	0.7224
6	7	6	77	1259.8364	98	0	24.00	67.0	143.0	0.0	0.3260	0.4140	0.7224
7	8	7	78	1259.8364	98	0	24.00	70.0	143.6	0.0	0.3260	0.4140	0.7224
8	9	8	78	1259.8364	98	0	24.00	70.0	130.6	0.0	0.3260	0.4140	0.7224
9	10	9	78	1259.8364	98	0	24.00	68.0	130.7	0.0	0.3260	0.4140	0.7224
10	11	10	78	1259.8364	99	0	24.00	71.0	130.6	0.0	0.3260	0.4140	0.7224
11	12	11	76	1259.8364	96	0	24.00	65.0	152.6	0.0	0.3260	0.4140	0.7224
12	13	12	77	1259.8364	97	0	24.00	67.0	160.0	0.0	0.3260	0.4140	0.7224
13	14	13	78	1259.8364	98	0	24.00	67.0	157.4	0.0	0.3260	0.4140	0.7224
14	15	14	89	1259.8364	112	0	23.10	67.0	147.8	0.0	0.3260	0.4140	0.7224
15	16	15	75	1259.8364	95	0	24.00	67.0	135.1	0.0	0.3260	0.4140	0.7224
16	17	16	77	1259.8364	97	0	24.00	66.0	150.6	0.0	0.3260	0.4140	0.7224
17	18	17	78	1259.8364	98	0	24.00	64.0	133.8	0.0	0.3260	0.4140	0.7224
18	19	18	77	1259.8364	98	0	20.10	66.0	137.7	0.0	0.3260	0.4140	0.7224
19	20	19	84	1259.8364	106	0	21.90	64.0	126.3	0.0	0.3260	0.4140	0.7224
20	21	20	79	1259.8364	100	0	20.90	66.0	146.4	0.0	0.3260	0.4140	0.7224
21	22	21	75	1259.8364	94	0	24.00	65.0	167.4	0.0	0.3260	0.4140	0.7224
22	23	22	76	1259.8364	96	0	24.00	64.0	171.9	0.0	0.3260	0.4140	0.7224
23	24	23	76	1259.8364	95	0	24.00	62.0	176.1	0.0	0.3260	0.4140	0.7224
24	25	24	77	1259.8364	96	0	24.00	64.0	152.3	0.0	0.3260	0.4140	0.7224
25	26	25	77	1259.8364	97	0	24.00	65.0	133.8	0.0	0.3260	0.4140	0.7224
26	27	26	77	1259.8364	97	0	24.00	66.0	128.6	0.0	0.3260	0.4140	0.7224
27	28	27	77	1259.8364	97	0	24.00	65.0	127.0	0.0	0.3260	0.4140	0.7224
28	29	28	77	1259.8364	97	0	24.00	59.0	127.4	0.0	0.3260	0.4140	0.7224
29	30	29	77	1259.8364	97	0	24.00	58.0	119.9	0.0	0.3260	0.4140	0.7224
30	1	30	77	1259.8364	97	0	24.00	60.0	127.1	0.0	0.3260	0.4140	0.7224

TOTAL

2335

2942

Weighted Average BTU = 1259.8364

Note: * - Manually entered data

E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 08/99

09/08/99 15:12:19

PAGE 35

METER ID: 37125-30

NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
8	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)		FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC	
ON OF	NUM	@14.730	@14.730	DTH	EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV	
1	2	1	79	1259.8364	100	0	24.00	73.0	130.3	0.0	0.3260	0.4140	0.7224
2	3	2	80	1259.8364	100	0	24.00	70.0	128.0	0.0	0.3260	0.4140	0.7224
3	4	3	80	1259.8364	100	0	24.00	69.0	128.8	0.0	0.3260	0.4140	0.7224
4	5	4	79	1259.8364	100	0	24.00	67.0	127.5	0.0	0.3260	0.4140	0.7224
5	6	5	79	1259.8364	100	0	24.00	67.0	139.1	0.0	0.3260	0.4140	0.7224
6	7	6	79	1259.8364	100	0	24.00	69.0	129.3	0.0	0.3260	0.4140	0.7224
7	8	7	79	1259.8364	100	0	24.00	72.0	130.4	0.0	0.3260	0.4140	0.7224
8	9	8	79	1259.8364	100	0	24.00	72.0	127.9	0.0	0.3260	0.4140	0.7224
9	10	9	79	1259.8364	100	0	24.00	72.0	134.5	0.0	0.3260	0.4140	0.7224
10	11	10	79	1259.8364	100	0	24.00	68.0	132.4	0.0	0.3260	0.4140	0.7224
11	12	11	92	1259.8364	116	0	22.80	70.0	134.5	0.0	0.3260	0.4140	0.7224
12	13	12	80	1259.8364	101	0	24.00	71.0	139.3	0.0	0.3260	0.4140	0.7224
13	14	13	79	1259.8364	99	0	24.00	72.0	137.2	0.0	0.3260	0.4140	0.7224
14	15	14	79	1259.8364	99	0	24.00	68.0	139.9	0.0	0.3260	0.4140	0.7224
15	16	15	78	1259.8364	99	0	24.00	68.0	153.7	0.0	0.3260	0.4140	0.7224
16	17	16	78	1259.8364	99	0	24.00	72.0	147.8	0.0	0.3260	0.4140	0.7224
17	18	17	79	1259.8364	99	0	24.00	73.0	130.3	0.0	0.3260	0.4140	0.7224
18	19	18	79	1259.8364	99	0	24.00	72.0	132.2	0.0	0.3260	0.4140	0.7224
19	20	19	79	1259.8364	99	0	24.00	74.0	132.0	0.0	0.3260	0.4140	0.7224
20	21	20	79	1259.8364	99	0	24.00	71.0	130.5	0.0	0.3260	0.4140	0.7224
21	22	21	79	1259.8364	99	0	24.00	70.0	130.4	0.0	0.3260	0.4140	0.7224
22	23	22	79	1259.8364	99	0	24.00	72.0	127.0	0.0	0.3260	0.4140	0.7224
23	24	23	78	1259.8364	98	0	24.00	71.0	126.9	0.0	0.3260	0.4140	0.7224
24	25	24	78	1259.8364	98	0	24.00	73.0	132.8	0.0	0.3260	0.4140	0.7224
25	26	25	78	1259.8364	99	0	24.00	74.0	136.9	0.0	0.3260	0.4140	0.7224
26	27	26	78	1259.8364	99	0	24.00	72.0	133.5	0.0	0.3260	0.4140	0.7224
27	28	27	78	1259.8364	99	0	24.00	70.0	128.7	0.0	0.3260	0.4140	0.7224
28	29	28	78	1259.8364	99	0	24.00	71.0	125.2	0.0	0.3260	0.4140	0.7224
29	30	29	77	1259.8364	97	0	24.00	71.0	124.9	0.0	0.3260	0.4140	0.7224
30	31	30	77	1259.8364	98	0	24.00	72.0	128.5	0.0	0.3260	0.4140	0.7224
31	1	31	78	1259.8364	98	0	24.00	72.0	128.1	0.0	0.3260	0.4140	0.7224

TOTAL

2452

3092

Weighted Average BTU = 1259.8364

Note: * - Manually entered data
E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 07/99

08/06/99 09:50:25

PAGE 37

METER ID: 37125-30
NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
7	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE ON OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAY	
1	2	1	81	1259.8364	101	0	24.00	80.0	135.8	0.0	0.3260	0.4140	0.7224
2	3	2	80	1259.8364	101	0	24.00	77.0	135.3	0.0	0.3260	0.4140	0.7224
3	4	3	80	1259.8364	101	0	24.00	74.0	133.4	0.0	0.3260	0.4140	0.7224
4	5	4	80	1259.8364	101	0	24.00	76.0	131.5	0.0	0.3260	0.4140	0.7224
5	6	5	80	1259.8364	101	0	24.00	79.0	131.3	0.0	0.3260	0.4140	0.7224
6	7	6	80	1259.8364	100	0	24.00	77.0	135.0	0.0	0.3260	0.4140	0.7224
7	8	7	80	1259.8364	100	0	24.00	72.0	130.9	0.0	0.3260	0.4140	0.7224
8	9	8	79	1259.8364	100	0	24.00	74.0	130.9	0.0	0.3260	0.4140	0.7224
9	10	9	79	1259.8364	99	0	24.00	71.0	165.3	0.0	0.3260	0.4140	0.7224
10	11	10	79	1259.8364	100	0	24.00	75.0	131.2	0.0	0.3260	0.4140	0.7224
11	12	11	79	1259.8364	99	0	24.00	73.0	129.4	0.0	0.3260	0.4140	0.7224
12	13	12	79	1259.8364	100	0	24.00	73.0	133.5	0.0	0.3260	0.4140	0.7224
13	14	13	79	1259.8364	100	0	24.00	75.0	133.6	0.0	0.3260	0.4140	0.7224
14	15	14	79	1259.8364	99	0	24.00	72.0	132.5	0.0	0.3260	0.4140	0.7224
15	16	15	79	1259.8364	99	0	24.00	71.0	136.2	0.0	0.3260	0.4140	0.7224
16	17	16	93	1259.8364	117	0	23.10	75.0	136.5	0.0	0.3260	0.4140	0.7224
17	18	17	84	1259.8364	106	0	24.00	72.0	135.7	0.0	0.3260	0.4140	0.7224
18	19	18	80	1259.8364	101	0	24.00	69.0	132.0	0.0	0.3260	0.4140	0.7224
19	20	19	80	1259.8364	101	0	24.00	69.0	132.4	0.0	0.3260	0.4140	0.7224
20	21	20	80	1259.8364	100	0	24.00	74.0	133.9	0.0	0.3260	0.4140	0.7224
21	22	21	80	1259.8364	101	0	24.00	74.0	132.6	0.0	0.3260	0.4140	0.7224
22	23	22	80	1259.8364	101	0	24.00	72.0	133.2	0.0	0.3260	0.4140	0.7224
23	24	23	80	1259.8364	101	0	24.00	74.0	134.2	0.0	0.3260	0.4140	0.7224
24	25	24	80	1259.8364	101	0	24.00	76.0	132.9	0.0	0.3260	0.4140	0.7224
25	26	25	80	1259.8364	101	0	24.00	76.0	132.2	0.0	0.3260	0.4140	0.7224
26	27	26	80	1259.8364	101	0	24.00	77.0	136.1	0.0	0.3260	0.4140	0.7224
27	28	27	80	1259.8364	101	0	24.00	75.0	137.8	0.0	0.3260	0.4140	0.7224
28	29	28	80	1259.8364	101	0	24.00	79.0	139.2	0.0	0.3260	0.4140	0.7224
29	30	29	80	1259.8364	101	0	24.00	76.0	138.8	0.0	0.3260	0.4140	0.7224
30	31	30	80	1259.8364	100	0	24.00	76.0	135.0	0.0	0.3260	0.4140	0.7224
31	1	31	80	1259.8364	100	0	24.00	73.0	131.1	0.0	0.3260	0.4140	0.7224

TOTAL

2490

3135

Weighted Average BTU = 1259.8364

Note: * - Manually entered data
E - Estimated volume

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 06/99

07/08/99 09:06:40

PAGE 37

METER ID: 37125-30
NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATHO PRES	
6	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	ED	14.730	60	11.400

DATE ON OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV	
1	2	1	81	1242.3729	100	0	24.00	67.0	128.6	0.0	0.6860	0.3910	0.7146
2	3	2	80	1242.3729	100	0	24.00	66.0	133.1	0.0	0.6860	0.3910	0.7146
3	4	3	81	1242.3729	100	0	24.00	67.0	156.0	0.0	0.6860	0.3910	0.7146
4	5	4	81	1242.3729	101	0	24.00	66.0	133.3	0.0	0.6860	0.3910	0.7146
5	6	5	81	1242.3729	100	0	24.00	59.0	125.7	0.0	0.6860	0.3910	0.7146
6	7	6	81	1242.3729	100	0	24.00	65.0	120.7	0.0	0.6860	0.3910	0.7146
7	8	7	51	1242.3729	64	0	16.40	66.0	118.0	0.0	0.6860	0.3910	0.7146
8	9	8	1	1242.3729	1	0	1.30	46.0	124.0	0.0	0.6860	0.3910	0.7146
9	10	9	3	1242.3729	4	0	3.90	72.0	125.4	0.0	0.6860	0.3910	0.7146
10	11	10	4	1242.3729	5	0	4.40	67.0	132.8	0.0	0.6860	0.3910	0.7146
11	12	11	4	1242.3729	5	0	4.70	67.0	149.5	0.0	0.6860	0.3910	0.7146
12	13	12	80	1242.3729	99	0	16.40	67.0	141.6	0.0	0.6860	0.3910	0.7146
13	14	13	91	1242.3729	113	0	24.00	69.0	136.2	0.0	0.6860	0.3910	0.7146
14	15	14	86	1242.3729	106	0	24.00	69.0	135.5	0.0	0.6860	0.3910	0.7146
15	16	15	73	1242.3729	91	0	21.10	71.0	135.9	0.0	0.6860	0.3910	0.7146
16	17	16	6	1242.3729	8	0	5.10	70.0	141.8	0.0	0.6860	0.3910	0.7146
17	18	17	97	1242.3729	121	0	16.20	68.0	140.1	0.0	0.6860	0.3910	0.7146
18	19	18	127	1242.3729	158	0	24.00	71.0	134.3	0.0	0.6860	0.3910	0.7146
19	20	19	23	1242.3729	28	0	9.00	69.0	132.1	0.0	0.6860	0.3910	0.7146
20	21	20	4	1242.3729	5	0	4.90	69.0	128.6	0.0	0.6860	0.3910	0.7146
21	22	21	78	1242.3729	97	0	13.70	73.0	134.0	0.0	0.6860	0.3910	0.7146
22	23	22	134	1242.3729	166	0	24.00	74.0	133.4	0.0	0.6860	0.3910	0.7146
23	24	23	86	1242.3729	107	0	24.00	74.0	134.4	0.0	0.6860	0.3910	0.7146
24	25	24	82	1242.3729	102	0	24.00	75.0	135.5	0.0	0.6860	0.3910	0.7146
25	26	25	81	1242.3729	101	0	24.00	77.0	134.1	0.0	0.6860	0.3910	0.7146
26	27	26	81	1242.3729	101	0	24.00	77.0	134.3	0.0	0.6860	0.3910	0.7146
27	28	27	81	1242.3729	100	0	24.00	76.0	132.9	0.0	0.6860	0.3910	0.7146
28	29	28	81	1242.3729	101	0	24.00	78.0	132.3	0.0	0.6860	0.3910	0.7146
29	30	29	81	1242.3729	101	0	24.00	77.0	133.5	0.0	0.6860	0.3910	0.7146
30	1	30	81	1242.3729	101	0	24.00	78.0	135.2	0.0	0.6860	0.3910	0.7146

TOTAL

2001

2486

Weighted Average BTU = 1242.3729

Note: * - Manually entered data
E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 05/99

06/05/99 16:10:19

PAGE 34

METER ID: 37125-30

NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
5	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE ON	REF OF	NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV
1	2	1	81	1247.8300	102	0	24.00	47.0	130.8	0.0	0.2590	0.4415	0.7144
2	3	2	81	1247.8300	101	0	24.00	52.0	117.7	0.0	0.2590	0.4415	0.7144
3	4	3	81	1247.8300	101	0	24.00	49.0	118.5	0.0	0.2590	0.4415	0.7144
4	5	4	80	1247.8300	100	0	24.00	44.0	133.7	0.0	0.2590	0.4415	0.7144
5	6	5	80	1247.8300	100	0	24.00	46.0	129.8	0.0	0.2590	0.4415	0.7144
6	7	6	81	1247.8300	101	0	24.00	50.0	118.0	0.0	0.2590	0.4415	0.7144
7	8	7	81	1247.8300	101	0	24.00	54.0	120.6	0.0	0.2590	0.4415	0.7144
8	9	8	74	1247.8300	93	0	22.50	59.0	124.6	0.0	0.2590	0.4415	0.7144
9	10	9	51	1247.8300	64	0	12.10	64.0	119.2	0.0	0.2590	0.4415	0.7144
10	11	10	68	1247.8300	85	0	14.90	59.0	117.6	0.0	0.2590	0.4415	0.7144
11	12	11	94	1247.8300	117	0	24.00	58.0	117.8	0.0	0.2590	0.4415	0.7144
12	13	12	82	1247.8300	102	0	24.00	59.0	120.7	0.0	0.2590	0.4415	0.7144
13	14	13	82	1247.8300	102	0	24.00	64.0	135.5	0.0	0.2590	0.4415	0.7144
14	15	14	82	1247.8300	102	0	24.00	64.0	128.4	0.0	0.2590	0.4415	0.7144
15	16	15	82	1247.8300	102	0	24.00	64.0	128.6	0.0	0.2590	0.4415	0.7144
16	17	16	81	1247.8300	101	0	24.00	62.0	127.1	0.0	0.2590	0.4415	0.7144
17	18	17	81	1247.8300	102	0	24.00	61.0	126.5	0.0	0.2590	0.4415	0.7144
18	19	18	81	1247.8300	101	0	24.00	64.0	127.9	0.0	0.2590	0.4415	0.7144
19	20	19	81	1247.8300	102	0	24.00	69.0	127.5	0.0	0.2590	0.4415	0.7144
20	21	20	82	1247.8300	102	0	24.00	67.0	125.3	0.0	0.2590	0.4415	0.7144
21	22	21	81	1247.8300	101	0	24.00	67.0	124.4	0.0	0.2590	0.4415	0.7144
22	23	22	81	1247.8300	101	0	24.00	67.0	128.2	0.0	0.2590	0.4415	0.7144
23	24	23	81	1247.8300	101	0	24.00	64.0	125.1	0.0	0.2590	0.4415	0.7144
24	25	24	81	1247.8300	101	0	24.00	57.0	123.6	0.0	0.2590	0.4415	0.7144
25	26	25	81	1247.8300	101	0	24.00	56.0	122.8	0.0	0.2590	0.4415	0.7144
26	27	26	81	1247.8300	101	0	24.00	59.0	124.3	0.0	0.2590	0.4415	0.7144
27	28	27	81	1247.8300	101	0	24.00	61.0	132.2	0.0	0.2590	0.4415	0.7144
28	29	28	81	1247.8300	101	0	24.00	63.0	129.8	0.0	0.2590	0.4415	0.7144
29	30	29	81	1247.8300	101	0	24.00	66.0	129.6	0.0	0.2590	0.4415	0.7144
30	31	30	81	1247.8300	101	0	24.00	66.0	128.2	0.0	0.2590	0.4415	0.7144
31	1	31	81	1247.8300	101	0	24.00	69.0	128.1	0.0	0.2590	0.4415	0.7144

TOTAL 2477

3092

Weighted Average BTU = 1247.8300

Note: * - Manually entered data

E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 04/99

05/05/99 18:11:19

PAGE 34

METER ID: 37125-30
NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
4	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE ON OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV	
1	2	1	84	1247.8300	105	0	24.00	46.0	133.2	0.0	0.2590	0.4415	0.7144
2	3	2	87	1247.8300	108	0	24.00	41.0	141.9	0.0	0.2590	0.4415	0.7144
3	4	3	97	1247.8300	121	0	24.00	38.0	126.9	0.0	0.2590	0.4415	0.7144
4	5	4	88	1247.8300	110	0	23.50	39.0	129.5	0.0	0.2590	0.4415	0.7144
5	6	5	103	1247.8300	128	0	23.50	42.0	128.3	0.0	0.2590	0.4415	0.7144
6	7	6	80	1247.8300	100	0	24.00	47.0	133.3	0.0	0.2590	0.4415	0.7144
7	8	7	94	1247.8300	117	0	22.20	50.0	138.3	0.0	0.2590	0.4415	0.7144
8	9	8	90	1247.8300	112	0	24.00	46.0	118.1	0.0	0.2590	0.4415	0.7144
9	10	9	68	1247.8300	85	0	20.30	45.0	118.5	0.0	0.2590	0.4415	0.7144
10	11	10	87	1247.8300	109	0	15.50	49.0	123.4	0.0	0.2590	0.4415	0.7144
11	12	11	86	1247.8300	107	0	24.00	49.0	120.1	0.0	0.2590	0.4415	0.7144
12	13	12	81	1247.8300	102	0	24.00	55.0	120.1	0.0	0.2590	0.4415	0.7144
13	14	13	83	1247.8300	103	0	23.70	53.0	137.8	0.0	0.2590	0.4415	0.7144
14	15	14	97	1247.8300	121	0	23.40	53.0	117.3	0.0	0.2590	0.4415	0.7144
15	16	15	84	1247.8300	105	0	24.00	50.0	117.2	0.0	0.2590	0.4415	0.7144
16	17	16	82	1247.8300	102	0	24.00	46.0	119.1	0.0	0.2590	0.4415	0.7144
17	18	17	81	1247.8300	101	0	24.00	50.0	119.1	0.0	0.2590	0.4415	0.7144
18	19	18	81	1247.8300	101	0	24.00	55.0	118.4	0.0	0.2590	0.4415	0.7144
19	20	19	80	1247.8300	100	0	24.00	57.0	122.0	0.0	0.2590	0.4415	0.7144
20	21	20	80	1247.8300	100	0	24.00	58.0	125.4	0.0	0.2590	0.4415	0.7144
21	22	21	81	1247.8300	101	0	24.00	52.0	125.1	0.0	0.2590	0.4415	0.7144
22	23	22	80	1247.8300	100	0	24.00	51.0	121.9	0.0	0.2590	0.4415	0.7144
23	24	23	81	1247.8300	100	0	24.00	56.0	121.1	0.0	0.2590	0.4415	0.7144
24	25	24	81	1247.8300	101	0	24.00	53.0	119.1	0.0	0.2590	0.4415	0.7144
25	26	25	81	1247.8300	101	0	24.00	47.0	116.7	0.0	0.2590	0.4415	0.7144
26	27	26	81	1247.8300	101	0	24.00	52.0	115.9	0.0	0.2590	0.4415	0.7144
27	28	27	81	1247.8300	101	0	24.00	56.0	128.3	0.0	0.2590	0.4415	0.7144
28	29	28	81	1247.8300	101	0	24.00	54.0	119.3	0.0	0.2590	0.4415	0.7144
29	30	29	81	1247.8300	101	0	24.00	57.0	119.5	0.0	0.2590	0.4415	0.7144
30	1	30	81	1247.8300	101	0	24.00	55.0	125.6	0.0	0.2590	0.4415	0.7144

TOTAL

2522

3145

Weighted Average BTU = 1247.8300

Note: * - Manually entered data

E - Estimated volume

P

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 03/99

04/08/99 16:25:01

PAGE 34

METER ID: 37125-30

NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
----	---	-----	-----	-----	-----	---	---	-----	-----	---	-----	-----	-----	-----	----	-----	
3	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)		FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC
ON OF	NUM	@14.730	@14.730	DTH	EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV
---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1 2	1	83	1247.8300	103	0	24.00	45.0	127.0	0.0	0.2590	0.4415	0.7144
2 3	2	74	1247.8300	92	0	24.00	44.0	125.7	0.0	0.2590	0.4415	0.7144
3 4	3	75	1247.8300	93	0	24.00	46.0	127.1	0.0	0.2590	0.4415	0.7144
4 5	4	72	1247.8300	89	0	24.00	47.0	130.4	0.0	0.2590	0.4415	0.7144
5 6	5	72	1247.8300	89	0	24.00	45.0	130.8	0.0	0.2590	0.4415	0.7144
6 7	6	72	1247.8300	90	0	24.00	46.0	129.3	0.0	0.2590	0.4415	0.7144
7 8	7	72	1247.8300	90	0	24.00	46.0	130.3	0.0	0.2590	0.4415	0.7144
8 9	8	72	1247.8300	89	0	24.00	42.0	128.8	0.0	0.2590	0.4415	0.7144
9 10	9	75	1247.8300	94	0	24.00	44.0	130.9	0.0	0.2590	0.4415	0.7144
10 11	10	73	1247.8300	91	0	24.00	45.0	131.7	0.0	0.2590	0.4415	0.7144
11 12	11	97	1247.8300	122	0	23.00	46.0	132.2	0.0	0.2590	0.4415	0.7144
12 13	12	78	1247.8300	97	0	24.00	40.0	137.7	0.0	0.2590	0.4415	0.7144
13 14	13	97	1247.8300	121	0	24.00	41.0	135.2	0.0	0.2590	0.4415	0.7144
14 15	14	71	1247.8300	88	0	24.00	46.0	133.1	0.0	0.2590	0.4415	0.7144
15 16	15	70	1247.8300	88	0	24.00	48.0	136.3	0.0	0.2590	0.4415	0.7144
16 17	16	70	1247.8300	88	0	24.00	49.0	137.3	0.0	0.2590	0.4415	0.7144
17 18	17	70	1247.8300	87	0	24.00	46.0	138.4	0.0	0.2590	0.4415	0.7144
18 19	18	70	1247.8300	88	0	24.00	42.0	138.3	0.0	0.2590	0.4415	0.7144
19 20	19	71	1247.8300	88	0	24.00	47.0	135.8	0.0	0.2590	0.4415	0.7144
20 21	20	71	1247.8300	89	0	24.00	51.0	135.3	0.0	0.2590	0.4415	0.7144
21 22	21	71	1247.8300	89	0	24.00	54.0	134.7	0.0	0.2590	0.4415	0.7144
22 23	22	71	1247.8300	89	0	24.00	50.0	138.8	0.0	0.2590	0.4415	0.7144
23 24	23	71	1247.8300	88	0	24.00	50.0	143.3	0.0	0.2590	0.4415	0.7144
24 25	24	71	1247.8300	88	0	24.00	53.0	145.4	0.0	0.2590	0.4415	0.7144
25 26	25	71	1247.8300	88	0	24.00	53.0	147.2	0.0	0.2590	0.4415	0.7144
26 27	26	71	1247.8300	88	0	24.00	52.0	148.9	0.0	0.2590	0.4415	0.7144
27 28	27	65	1247.8300	81	0	22.80	53.0	192.0	0.0	0.2590	0.4415	0.7144
28 29	28	0	1247.8300	0	0	0.00	0.0	0.0	0.0	0.2590	0.4415	0.7144
29 30	29	0	1247.8300	0	0	0.00	0.0	0.0	0.0	0.2590	0.4415	0.7144
30 31	30	76	1247.8300	95	0	12.60	61.0	138.7	0.0	0.2590	0.4415	0.7144
31 1	31	102	1247.8300	128	0	24.00	56.0	137.6	0.0	0.2590	0.4415	0.7144

TOTAL

2174

2710

Weighted Average BTU = 1247.8300

Note: * - Manually entered data

E - Estimated volume

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 02/99

03/06/99 15:33:35

PAGE 34

METER ID: 37125-30
NAME: JICARILLA A

0010

PC

OPERATOR: CONOCO, INC.

EFF DATE	REF NUM	STATIC RANGE	DIFF RANGE	TUBE DIAM	ORIF SIZE	TAP TYP	TAP LOC	PLATE MAT'L	CHART DAYS	CALC TYPE	MACHINE CONST	GAS DAY START	METER TYPE	BASE PRES	BASE TEMP	ATMO PRES	
2	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE ON OF	REF NUM	MCF @14.730	BTU(D) @14.730	DTH	FLOW EXTENT	FLOW TIME	FLOW TEMP	AVG PSIG	AVG DIFF	MOL% N2	MOL% CO2	SPEC GRAV
1	2	1	86	1247.8300	108	0	24.00	38.0	121.8	0.0	0.2590	0.7144
2	3	2	158	1247.8300	197	0	24.00	34.0	123.3	0.0	0.2590	0.7144
3	4	3	121	1247.8300	151	0	24.00	37.0	123.7	0.0	0.2590	0.7144
4	5	4	81	1247.8300	101	0	24.00	38.0	124.0	0.0	0.2590	0.7144
5	6	5	82	1247.8300	103	0	24.00	41.0	125.1	0.0	0.2590	0.7144
6	7	6	122	1247.8300	152	0	24.00	37.0	127.1	0.0	0.2590	0.7144
7	8	7	93	1247.8300	116	0	24.00	38.0	123.6	0.0	0.2590	0.7144
8	9	8	122	1247.8300	152	0	24.00	40.0	130.8	0.0	0.2590	0.7144
9	10	9	135	1247.8300	168	0	23.10	43.0	138.5	0.0	0.2590	0.7144
10	11	10	92	1247.8300	115	0	24.00	39.0	134.0	0.0	0.2590	0.7144
11	12	11	31	1247.8300	39	0	8.70	27.0	123.7	0.0	0.2590	0.7144
12	13	12	64	1247.8300	80	0	10.30	37.0	131.6	0.0	0.2590	0.7144
13	14	13	133	1247.8300	166	0	24.00	43.0	123.5	0.0	0.2590	0.7144
14	15	14	88	1247.8300	110	0	24.00	41.0	121.6	0.0	0.2590	0.7144
15	16	15	107	1247.8300	133	0	24.00	39.0	123.5	0.0	0.2590	0.7144
16	17	16	115	1247.8300	143	0	23.90	36.0	125.4	0.0	0.2590	0.7144
17	18	17	124	1247.8300	155	0	24.00	37.0	123.6	0.0	0.2590	0.7144
18	19	18	126	1247.8300	157	0	24.00	41.0	127.3	0.0	0.2590	0.7144
19	20	19	88	1247.8300	110	0	24.00	42.0	125.3	0.0	0.2590	0.7144
20	21	20	92	1247.8300	115	0	24.00	39.0	121.2	0.0	0.2590	0.7144
21	22	21	96	1247.8300	120	0	24.00	41.0	121.0	0.0	0.2590	0.7144
22	23	22	83	1247.8300	103	0	24.00	39.0	121.4	0.0	0.2590	0.7144
23	24	23	114	1247.8300	142	0	23.50	39.0	134.1	0.0	0.2590	0.7144
24	25	24	91	1247.8300	114	0	24.00	41.0	123.6	0.0	0.2590	0.7144
25	26	25	78	1247.8300	97	0	24.00	44.0	125.0	0.0	0.2590	0.7144
26	27	26	72	1247.8300	89	0	24.00	43.0	125.3	0.0	0.2590	0.7144
27	28	27	92	1247.8300	115	0	24.00	41.0	127.4	0.0	0.2590	0.7144
28	1	28	77	1247.8300	96	0	24.00	43.0	126.2	0.0	0.2590	0.7144

TOTAL

2763

3447

Weighted Average BTU = 1247.8300

Note: * - Manually entered data

E - Estimated volume

Williams Field Services
Salt Lake City, Utah
MONTHLY GAS VOLUME STATEMENT
for 01/99

02/06/99 14:56:52

PAGE 28

METER ID: 37125-30

NAME: JICARILLA A

0010

OPERATOR: CONOCO, INC.

EFF	REF	STATIC	DIFF	TUBE	ORIF	TAP	TAP	PLATE	CHART	CALC	MACHINE	GAS DAY	METER	BASE	BASE	ATMO	
DATE	NUM	RANGE	RANGE	DIAM	SIZE	TYP	LOC	MAT'L	DAYS	TYPE	CONST	START	TYPE	PRES	TEMP	PRES	
1	1	1	500	250	4.0250	0.500	F	D	S	1	0	1.5811	0000	EO	14.730	60	11.400

DATE	REF	MCF	BTU(D)	FLOW	FLOW	FLOW	AVG	AVG	MOL%	MOL%	SPEC
ON OF	NUM	@14.730	@14.730	EXTENT	TIME	TEMP	PSIG	DIFF	N2	CO2	GRAV
1	2	1	148	1247.8300	185	0	24.00	42.0	121.0	0.0	0.7144
2	3	2	85	1247.8300	106	0	10.50	34.0	120.7	0.0	0.7144
3	4	3	0	1247.8300	0	0	0.00	0.0	0.0	0.0	0.7144
4	5	4	113	1247.8300	140	0	15.10	37.0	119.8	0.0	0.7144
5	6	5	73	1247.8300	91	0	8.80	33.0	116.3	0.0	0.7144
6	7	6	1	1247.8300	1	0	0.90	28.0	111.2	0.0	0.7144
7	8	7	0	1247.8300	1	0	0.60	25.0	113.2	0.0	0.7144
8	9	8	0	1247.8300	0	0	0.40	34.0	110.6	0.0	0.7144
9	10	9	0	1247.8300	1	0	0.70	27.0	109.3	0.0	0.7144
10	11	10	118	1247.8300	147	0	13.70	40.0	126.3	0.0	0.7144
11	12	11	154	1247.8300	192	0	18.70	38.0	127.7	0.0	0.7144
12	13	12	164	1247.8300	204	0	24.00	42.0	126.2	0.0	0.7144
13	14	13	156	1247.8300	195	0	24.00	39.0	124.9	0.0	0.7144
14	15	14	153	1247.8300	191	0	22.80	36.0	122.9	0.0	0.7144
15	16	15	112	1247.8300	140	0	24.00	35.0	127.5	0.0	0.7144
16	17	16	157	1247.8300	196	0	24.00	35.0	130.1	0.0	0.7144
17	18	17	88	1247.8300	110	0	24.00	38.0	129.3	0.0	0.7144
18	19	18	152	1247.8300	190	0	24.00	39.0	133.8	0.0	0.7144
19	20	19	90	1247.8300	112	0	24.00	41.0	133.6	0.0	0.7144
20	21	20	126	1247.8300	157	0	24.00	38.0	135.5	0.0	0.7144
21	22	21	108	1247.8300	134	0	24.00	35.0	133.5	0.0	0.7144
22	23	22	113	1247.8300	140	0	24.00	36.0	136.7	0.0	0.7144
23	24	23	136	1247.8300	170	0	24.00	35.0	122.3	0.0	0.7144
24	25	24	85	1247.8300	106	0	24.00	41.0	123.5	0.0	0.7144
25	26	25	84	1247.8300	105	0	24.00	41.0	123.7	0.0	0.7144
26	27	26	102	1247.8300	127	0	24.00	38.0	125.0	0.0	0.7144
27	28	27	200	1247.8300	249	0	24.00	34.0	124.8	0.0	0.7144
28	29	28	95	1247.8300	119	0	22.00	36.0	123.8	0.0	0.7144
29	30	29	184	1247.8300	229	0	24.00	35.0	131.4	0.0	0.7144
30	31	30	112	1247.8300	140	0	24.00	36.0	123.8	0.0	0.7144
31	1	31	136	1247.8300	170	0	24.00	38.0	123.2	0.0	0.7144

TOTAL

3245

4048

Weighted Average BTU = 1247.8300

Note: * - Manually entered data

E - Estimated volume