

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

Distribution:
Regulatory
Accounting
Well File

Original: August 1, 2003

Status
PRELIMINARY ☒
FINAL ☐

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

Date: 7/27/04

API No.
30-045-25698

Well Name
ANGEL PEAK

Santa Fe - no order

Well No.
#29

Unit Letter
I

Section
10

Township
T28N

Range
R11W

Footage
1793' FSL & 593' FEL

County, State
San Juan County, New Mexico

Completion Date

Test Method

HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☒ OTHER ☐

FORMATION
CHACRA

GAS
285 MCFD

PERCENT
76%

CONDENSATE

PERCENT
13%

GALLUP

91 MCFD

24%

87%

JUSTIFICATION OF ALLOCATION: Preliminary allocation for the Chacra Recompletion: Gas percentages are based on estimated reserves for the Chacra formation and estimated remaining reserves for the existing Gallup formation. The Chacra formation does not produce any oil therefore; oil percentages are allocated solely to the Gallup formation.

APPROVED BY

TITLE

DATE

X

Leonard Biemer

Engineer

7/27/04

X

Cherylene Charley

Engineering Tech.

7/27/04

ANGEL PEAK 29 3249201 (292972258073.225) Data: Jan. 1983-Jun. 2004

Operator: BURLINGTON RESOURCES OG CO LP
 Field: ARMENTA GALLUP

Zone:

Type:

Oil
 None

PDP Gas (Rate-Time)
 Qi: 0.896 MMSCF, 2001-01

Qf: 0.310642 MMSCF, 2019-12

Di(Exp): 5.53436% CTD: 225.683 MMSCF

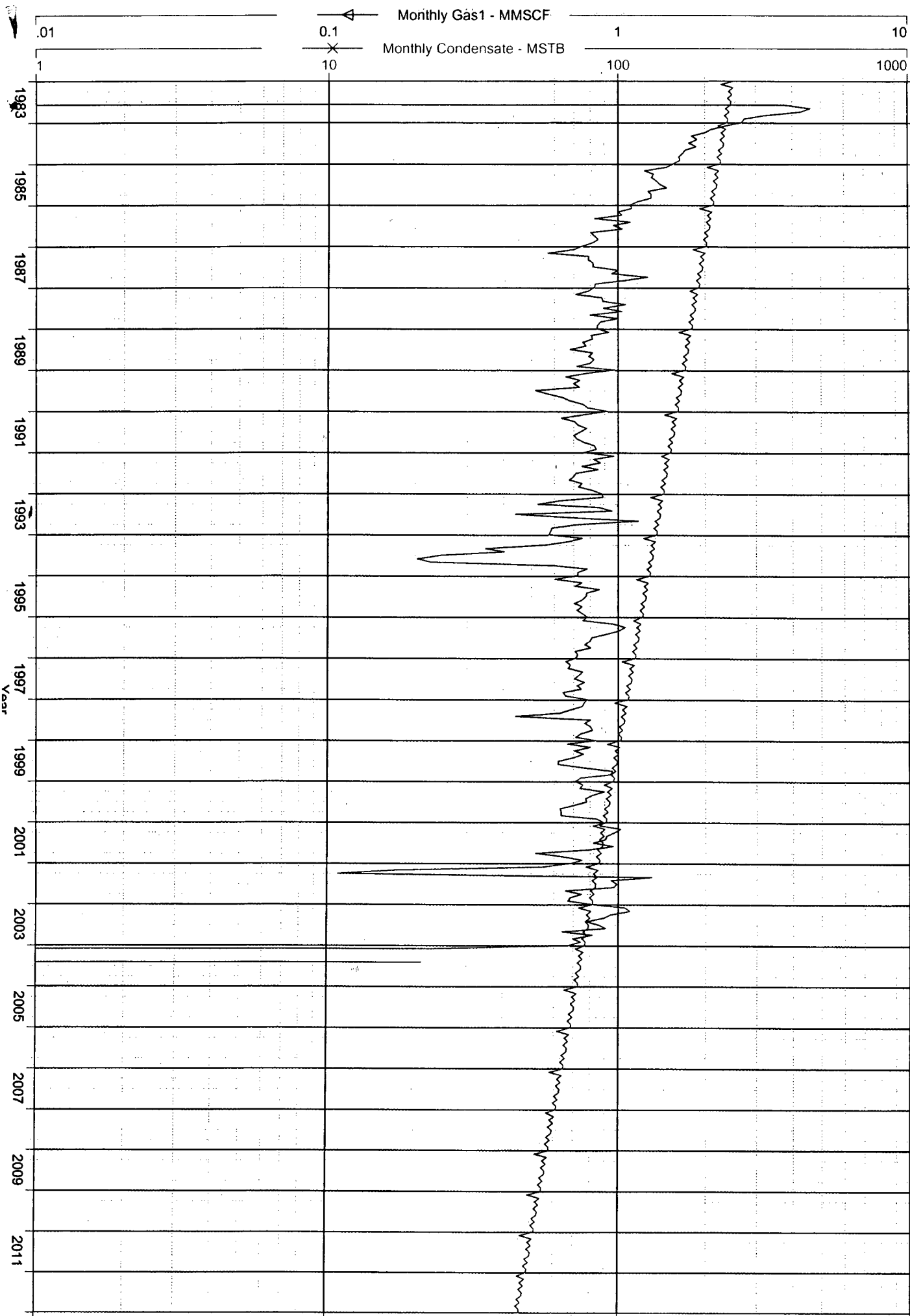
RR: 90.6014 MMSCF Tot: 316.284 MMSCF

Production Cums
 Oil: 12.174 MSTB

Gas: 225.683 MMSCF

Water: 0.065788 MSTB

Cond: 0 MSTB



Burlington Resources

San Juan Division

Economic Summary

Case Information

Parameter	Value
Case ID (SeqNum)	100120340
Case Name	ANGEL PEAK 29 (LWPA)
Team	LWCH
Formation	CHACRA
Project Type	RECOMPLETION
Area	AREA 02
Location	028N - 011W - 10 - 1
State	NEW MEXICO
County	SAN JUAN
Project Status	FUNDED
Evaluation Date	2004/01

Reserves & Capital

Parameter	Value	Gross	WI	NRI
Shrunk Gas	MMSCF	284.8	153.2	125.7
NGL	MSTB	18.3	9.9	0.0
Oil & Condensate	MSTB	0.0	0.0	0.0
Gas Equivalents	MMCFE	394.9	212.4	125.7
Total Capital	0.0	153.1	82.4	82.4
Dev. Drilling Tangible	0.0	30.5	16.4	16.4
Dev. Drilling Intangible	0.0	122.6	66.0	66.0
Capital Workover Tangible	0.0	0.0	0.0	0.0
Capital Workover Intangible	0.0	0.0	0.0	0.0
Expense Workover	0.0	0.0	0.0	0.0
Facility	0	0.0	0.0	0.0

Economic Indicators

Parameter	Units	BFIT	AFIT
Rate of Return	%	37.3	31.7
Payout	months	34.13	36.55
Undisc. Net/Investment	M\$/M\$	2.59	1.61
Disc. Net/Investment	M\$/M\$	0.85	0.51
Undiscounted CF	M\$	213.6	132.5
NPV @ 5	M\$	112.1	68.5
NPV @ 10.0	M\$	57.2	40.1
NPV @ 25.0	M\$	16.4	6.8
NPV @ 50.0	M\$	-9.6	-10.8
NPV @ 100.0	M\$	-24.2	-21.1
Economic Limit Date	YYYY/MM	2042/09	2042/09

3-Stream Detail

Date	Gross Unshrunk Gas	Gas Shrink	Gross Shrunk Gas	NGL Yield	Gross NGL	Gross Oil & Cond.	Net Shrunk Gas	Net NGL	Net Oil & Cond.	Net Gas Equiv.	Net Gas Price	Net NGL Price	Net Oil Price	Total Net Sales	WI Net Production Tax	WI Net Oper. Exp.	Net Capital Invest.	WI BT Cash Flow	WI 10% Disc. BTCF	Working Interest	Net Revenue Interest
	MMSCF	%	MMSCF	Bbl/MMSCF	MSTB	MSTB	MMSCF	MSTB	MSTB	MMSCF	\$/mcf	\$/bbl	\$/Bbl	M\$	M\$	M\$	M\$	M\$	M\$	%	%
2004 01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
2004 02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
2004 03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
2004 04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
2004 05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
2004 06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	82.4	-82.4	-79.2	0.00	0.00
2004 07	5.1	14.1	4.3	55.3	0.3	0.0	1.9	0.0	0.0	1.9	3.12	0.00	0.00	6.0	0.6	0.1	0.0	5.2	5.0	53.80	44.12
2004 08	4.7	14.1	4.0	55.3	0.3	0.0	1.8	0.0	0.0	1.8	3.12	0.00	0.00	5.5	0.6	0.1	0.0	4.8	4.6	53.80	44.12
2004 09	4.4	14.1	3.8	55.3	0.2	0.0	1.7	0.0	0.0	1.7	3.12	0.00	0.00	5.2	0.5	0.1	0.0	4.5	4.2	53.80	44.12
2004 10	4.1	14.1	3.5	55.3	0.2	0.0	1.6	0.0	0.0	1.6	3.12	0.00	0.00	4.9	0.5	0.1	0.0	4.2	3.9	53.80	44.12
2004 11	3.9	14.1	3.3	55.3	0.2	0.0	1.5	0.0	0.0	1.5	3.12	0.00	0.00	4.6	0.5	0.1	0.0	4.0	3.7	53.80	44.12
2004 12	3.7	14.1	3.2	55.3	0.2	0.0	1.4	0.0	0.0	1.4	3.12	0.00	0.00	4.3	0.4	0.1	0.0	3.8	3.5	53.80	44.12
2005 01	3.5	14.1	3.0	55.3	0.2	0.0	1.3	0.0	0.0	1.3	3.12	0.00	0.00	4.1	0.4	0.1	0.0	3.6	3.3	53.80	44.12
2005 02	3.3	14.1	2.9	55.3	0.2	0.0	1.3	0.0	0.0	1.3	3.12	0.00	0.00	3.9	0.4	0.1	0.0	3.4	3.1	53.80	44.12
2005 03	3.2	14.1	2.7	55.3	0.2	0.0	1.2	0.0	0.0	1.2	3.12	0.00	0.00	3.8	0.4	0.1	0.0	3.3	2.9	53.80	44.12
2005 04	3.1	14.1	2.6	55.3	0.2	0.0	1.2	0.0	0.0	1.2	3.12	0.00	0.00	3.6	0.4	0.1	0.0	3.1	2.8	53.80	44.12
2005 05	3.0	14.1	2.5	55.3	0.2	0.0	1.1	0.0	0.0	1.1	3.12	0.00	0.00	3.5	0.4	0.1	0.0	3.0	2.7	53.80	44.12
2005 06	2.8	14.1	2.4	55.3	0.2	0.0	1.1	0.0	0.0	1.1	3.12	0.00	0.00	3.4	0.3	0.1	0.0	2.9	2.5	53.80	44.12
2005 07	2.7	14.1	2.4	55.3	0.2	0.0	1.0	0.0	0.0	1.0	3.12	0.00	0.00	3.2	0.3	0.1	0.0	2.8	2.4	53.80	44.12
2005 08	2.7	14.1	2.3	55.3	0.1	0.0	1.0	0.0	0.0	1.0	3.12	0.00	0.00	3.1	0.3	0.1	0.0	2.7	2.3	53.80	44.12
2005 09	2.6	14.1	2.2	55.3	0.1	0.0	1.0	0.0	0.0	1.0	3.12	0.00	0.00	3.0	0.3	0.1	0.0	2.6	2.2	53.80	44.12
2005 10	2.5	14.1	2.1	55.3	0.1	0.0	0.9	0.0	0.0	0.9	3.12	0.00	0.00	3.0	0.3	0.1	0.0	2.5	2.1	53.80	44.12
2005 11	2.4	14.1	2.1	55.3	0.1	0.0	0.9	0.0	0.0	0.9	3.12	0.00	0.00	2.9	0.3	0.1	0.0	2.5	2.1	53.80	44.12
2005 12	2.4	14.1	2.0	55.3	0.1	0.0	0.9	0.0	0.0	0.9	3.12	0.00	0.00	2.8	0.3	0.1	0.0	2.4	2.0	53.80	44.12
2006 01	2.3	14.1	2.0	55.3	0.1	0.0	0.9	0.0	0.0	0.9	3.12	0.00	0.00	2.7	0.3	0.1	0.0	2.3	1.9	53.80	44.12
2006 02	2.2	14.1	1.9	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.6	0.3	0.1	0.0	2.3	1.8	53.80	44.12
2006 03	2.2	14.1	1.9	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.6	0.3	0.1	0.0	2.2	1.8	53.80	44.12
2006 04	2.1	14.1	1.8	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.5	0.3	0.1	0.0	2.1	1.7	53.80	44.12
2006 05	2.1	14.1	1.8	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.5	0.3	0.1	0.0	2.1	1.7	53.80	44.12
2006 06	2.0	14.1	1.7	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.4	0.2	0.1	0.0	2.0	1.6	53.80	44.12
2006 07	2.0	14.1	1.7	55.3	0.1	0.0	0.8	0.0	0.0	0.8	3.12	0.00	0.00	2.3	0.2	0.1	0.0	2.0	1.6	53.80	44.12
2006 08	1.9	14.1	1.7	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.3	0.2	0.1	0.0	1.9	1.5	53.80	44.12
2006 09	1.9	14.1	1.6	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.3	0.2	0.1	0.0	1.9	1.5	53.80	44.12
2006 10	1.9	14.1	1.6	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.2	0.2	0.1	0.0	1.9	1.4	53.80	44.12
2006 11	1.8	14.1	1.6	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.2	0.2	0.1	0.0	1.8	1.4	53.80	44.12
2006 12	1.8	14.1	1.5	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.1	0.2	0.1	0.0	1.8	1.4	53.80	44.12
2007 01	1.8	14.1	1.5	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.1	0.2	0.1	0.0	1.7	1.3	53.80	44.12
2007 02	1.7	14.1	1.5	55.3	0.1	0.0	0.7	0.0	0.0	0.7	3.12	0.00	0.00	2.0	0.2	0.1	0.0	1.7	1.3	53.80	44.12
2007 03	1.7	14.1	1.5	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	2.0	0.2	0.1	0.0	1.7	1.2	53.80	44.12
2007 04	1.7	14.1	1.4	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	2.0	0.2	0.1	0.0	1.7	1.2	53.80	44.12
2007 05	1.6	14.1	1.4	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.9	0.2	0.1	0.0	1.6	1.2	53.80	44.12
2007 06	1.6	14.1	1.4	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.9	0.2	0.1	0.0	1.6	1.2	53.80	44.12
2007 07	1.6	14.1	1.4	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.9	0.2	0.1	0.0	1.6	1.1	53.80	44.12
2007 08	1.6	14.1	1.3	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.8	0.2	0.1	0.0	1.5	1.1	53.80	44.12
2007 09	1.5	14.1	1.3	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.8	0.2	0.1	0.0	1.5	1.1	53.80	44.12
2007 10	1.5	14.1	1.3	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.8	0.2	0.1	0.0	1.5	1.0	53.80	44.12
2007 11	1.5	14.1	1.3	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.8	0.2	0.1	0.0	1.5	1.0	53.80	44.12
2007 12	1.5	14.1	1.3	55.3	0.1	0.0	0.6	0.0	0.0	0.6	3.12	0.00	0.00	1.7	0.2	0.1	0.0	1.4	1.0	53.80	44.12
Sub.	103.5	---	88.9	48.4	5.7	0.0	39.2	0.0	0.0	39.2	3.12	0.00	0.00	122.3	12.5	5.1	82.4	22.4	9.1	47.07	38.60
Rem.	228.2	---	195.9	55.3	12.6	0.0	86.4	0.0	0.0	86.4	3.12	0.00	0.00	269.7	27.5	51.0	0.0	191.3	58.3	53.80	44.12
Total	331.7	---	284.8	54.6	18.3	0.0	125.7	0.0	0.0	125.7	3.12	0.00	0.00	392.0	39.9	56.1	82.4	213.6	67.4	53.11	43.55