UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 1, 2007



BERRY PETROLEUM COMPANY

(Exact Name of Registrant as Specified in its Charter)

DELAWARE (State or Other Jurisdiction of Incorporation or Organization) **1-9735** (Commission File Number) 77-0079387 (IRS Employer Identification Number)

5201 TRUXTUN AVE., STE. 300, BAKERSFIELD, CA (Address of Principal Executive Offices) **93309** (Zip Code)

Registrant's telephone number, including area code: (661) 616-3900

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition

On August 1, 2007, Berry Petroleum Company issued a news release announcing its financial and operational results for the second quarter ended June 30, 2007. These results are discussed in the news release attached hereto as Exhibit 99.1, which is incorporated by reference in its entirety.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 - News Release by Berry Petroleum Company dated August 1, 2007, titled "Berry Petroleum Earns \$1.16 Per Share in Second Quarter 2007" announcing the Registrant's results for the second quarter ended June 30, 2007.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereto duly authorized.

BERRY PETROLEUM COMPANY

By:

Kenneth A. Olson Corporate Secretary

/s/ Kenneth A. Olson

Date: August 1, 2007

- 2 -





Contacts: Robert F. Heinemann, President and CEO - - Ralph J. Goehring, Executive Vice President and CFO

Berry Petroleum Earns \$1.16 Per Share in Second Quarter 2007

Record Production of 27,195 BOE/D is Up 10% Over Second Quarter 2006

Bakersfield, Calif. -- (**BUSINESS WIRE**) -- **August 1, 2007** -- Berry Petroleum Company (NYSE:BRY) earned net income of \$52 million, or \$1.16 per diluted share, for the three months ending June 30, 2007, up from net income of \$34.2 million, or \$.76 per diluted share in the second quarter of 2006, according to Robert F. Heinemann, president and chief executive officer. Excluding a net gain related to the disposition of non-core assets, net income for the three months ended June 30, 2007 was \$23.2 million or \$.52 per diluted share.

Revenues increased by 46% to \$179 million for the second quarter of 2007 compared to the second quarter of 2006. Excluding the asset disposition gain of \$50.4 million, revenues for the three months ended June 30, 2007 are \$129 million, or a 5% increase. Discretionary cash flow totaled \$59 million in the second quarter of 2007, down from \$66 million in the comparable 2006 period, but higher than the \$53 million achieved in the first quarter of 2007. (Discretionary cash flow is a non-GAAP measure; see reconciliation below.)

For the second quarter of 2007, net production averaged a record 27,195 barrels of oil equivalent per day (BOE/D), an increase of 10% from the 24,768 BOE per day achieved in the second quarter of 2006 and an increase of 7% compared to first quarter 2007 production of 25,490 BOE/D. Natural gas production in the second quarter of 2007 was up 26% over the second quarter of 2006.

Mr. Heinemann stated, "The crude marketing issues related to our Brundage Canyon black wax crude in Utah have been resolved and production there has increased to over 6,300 BOE/D in the second quarter, from a low of 3,800 BOE/D in January of 2007. We are now intensifying our focus on our western Colorado Piceance asset where we are making good progress on our mesa drilling program during the summer months. Drilling activities included 31 gross (8 net) wells in the Piceance during the quarter and production increased 31% over the first quarter of 2007 to 8.3 MMcf/D. Drilling performance on the vertical mesa wells has improved, and we are working to reduce drilling time on the directional holes. We continue to be encouraged by the reservoir productivity and are targeting third quarter net production of 12.5 MMcf/D as a significant number of wells are brought on-line.

"In California we achieved a 50% production increase from the diatomite asset without drilling additional wells during the quarter. This is a result of more aggressive steam cycling and improved well performance. Average daily production was over 900 BOE/D in the second quarter of 2007, compared to 600 BOE/D in the first quarter. Production continues to increase and we anticipate producing over 1,000 BOE/D in the third quarter. We will begin a 50-well drilling program in the latter part of the third quarter and will add facilities as needed.



"Based on encouraging results from our Poso Creek asset we continue with our accelerated drilling program there. We drilled 49 wells during the second quarter and we secured additional capacity to meet the demand for expanded steam requirements. In the DJ basin we have been able to increase production from our Niobrara natural gas assets over 10% from the first quarter to record levels with modest capital outlays."

The average realized sales price per barrel of oil equivalent (BOE), net of hedging, for the second quarter of 2007 was \$45.43 per BOE, down 9% from the \$49.75 per BOE received in the same 2006 period but was 4% higher than the \$43.84 per BOE received in the first quarter of 2007.

In the second quarter of 2007, Berry sold its non-core West Montalvo asset in Ventura County, California for a pre-tax gain of \$50.4 million. Berry also incurred an impairment charge of \$2.9 million to reduce the carrying value of its Bakken asset in the Williston Basin, North Dakota to estimated fair market value.

Six Months Results

Net income for the six months of 2007 was \$70.8 million or \$1.58 per diluted share, up 23% from \$57.5 or \$1.28 per diluted share in the comparable 2006 period. Excluding an asset sale and impairment of an asset held for sale for a combined net after-tax gain of \$28.8 million, net income for the six months ended June 30, 2007 was \$42.0 million or \$.94 per diluted share, compared to \$57.5 million or \$1.28 per diluted share for the first six months of 2006. This decrease is due to lower realized oil and gas prices and higher operating costs, increased depreciation, depletion & amortization (DD&A) charges related to increased development activity and increased interest expense.

Discretionary cash flow totaled \$112 million for the first six months of 2007, down from \$121 million in the comparable 2006 period.

For the six months ended June 30, 2007, net production averaged 26,332 BOE/D, an increase of 9% from the 24,118 BOE/D achieved in the same period in 2006. The average realized sales price per BOE, net of hedging, for the six months ended June 30, 2007 was \$44.72 per BOE, down 9% from the \$48.92 per BOE received in the 2006 period.

Mr. Heinemann continued, "Although we are enjoying strong crude oil prices for our increasing California production, Rockies gas prices continue to be volatile due to various factors, including takeaway pipeline capacity, supply volumes, and regional demand issues. We expect the Colorado Interstate Gas (CIG) basis differential to narrow upon the startup of the Rockies Express Pipeline (REX) which is anticipated in 2008. We have contracted 10,000 MMBtu/D on this pipeline to provide assurance of gas delivery. The CIG basis differential per MMBtu, based upon first-of-month values, averaged \$3.78 below Henry Hub (HH) and ranged from \$2.92 to \$4.37 below HH in the second quarter."

Operations

During the second quarter of 2007 the Company drilled 123 gross (88 net) wells with a success rate of 98 percent. For the second quarter of 2007 and 2006, average net production in BOE per day from each of Berry's operating regions was as follows:

Second Quarter by Region	2007 Producti	on	2006 Production			
California	16,214	60%	15,617	63%		
Rocky Mountain Region	10,981	40%	9,151	37%		
Total BOE per day	27,195	100%	24,768	100%		

The mix of average net oil and natural gas production was as follows:

Second Quarter by Mix	2007 Producti	on	2006 Production			
Oil (Bbls)	20,163	74%	19,593	79%		
Natural Gas (BOE)	7,032	26%	5,175	21%		
Total BOE per day	27,195	100%	24,768	100%		

Ralph J. Goehring, executive vice president and chief financial officer, stated, "We expect development capital to total from \$250 million to \$280 million for 2007 and for the first six months of 2007 we have spent \$151 million of that amount. We also paid \$54 million for the third and final payment of the Piceance acquisition out of the proceeds of the sale of our West Montalvo asset. At June 30, 2007, our debt level was \$475 million, essentially flat from the end of the first quarter of 2007."

Explanation and Reconciliation of Non-GAAP Financial Measures

	 Three Months Ended				 Six Months Ended			
	 06/30/07		06/30/06		03/31/07	 6/30/07		6/30/06
Net cash provided by operating activities	\$ 80.4	\$	58.8	\$	11.6	\$ 92.0	\$	84.1
Add back: Net increase (decrease) in current assets	(8.2)		16.7		13.3	5.1		18.6
Add back: Net decrease (increase) in current liabilities	 (13.5)		(9.6)		28.1	 14.6		18.7
Discretionary cash flow	\$ 58.7	\$	65.9	\$	53.0	\$ 111.7	\$	121.4

Teleconference Call

An earnings conference call will be held Wednesday, August 1, 2007 at 1:30 p.m. Eastern Time (10:30 a.m. Pacific Time). Dial 1-866-713-8307 to participate, using passcode 18450946. International callers may dial 617-597-5307. For a digital replay available through August 15, 2007 dial 1-888-286-8010 (passcode 70245564). Listen live or via replay on the web at www.bry.com. Transcripts of this and previous calls may be viewed at www.bry.com in the "Investor Center."

About Berry Petroleum Company

Berry Petroleum Company is a publicly traded independent oil and gas production and exploitation company with its headquarters in Bakersfield, California.

Safe harbor under the "Private Securities Litigation Reform Act of 1995"

Any statements in this news release that are not historical facts are forward-looking statements that involve risks and uncertainties. Words such as "targeting," "will," "anticipate," "expect," and forms of those words and others indicate forward-looking statements. Important factors which could affect actual results are discussed in *PART 1, Item 1A. Risk Factors* of our 2006 Form 10-K filed with the Securities and Exchange Commission on February 28, 2007 and all material changes are updated in Part II, Item 1A within our Form 10-Qs filed subsequent to that date.

CONDENSED STATEMENTS OF INCOME

(In thousands) (unaudited)

	Three Months			 Six Months			
		06/30/07		06/30/06	06/30/07		06/30/06
Revenues							
Sales of oil and gas	\$	113,426	\$	110,641	\$ 215,200	\$	212,575
Sales of electricity		13,867		11,715	28,463		26,884
Gain on sale of assets		50,400		-	50,398		-
Interest and other income, net		1,536		803	 2,647		1,296
Total		179,229		123,159	296,708		240,755
Expenses							
Operating costs – oil & gas		35,725		27,074	69,335		52,813
Operating costs – electricity		11,083		10,626	25,254		24,958
Production taxes		4,139		3,373	7,954		6,606
Depreciation, depletion & amortization - oil & gas		23,397		16,263	42,122		29,359
Depreciation, depletion & amortization - electricity		961		807	1,723		1,701
General and administrative		9,651		7,877	19,958		16,192
Interest		4,976		2,460	9,267		4,038
Commodity derivatives		-		(5,563)	-		(736)
Dry hole, abandonment & impairment, exploration		3,519		3,045	 4,168		10,543
Total		93,451		65,962	 179,781		145,474
Income before income taxes		85,778		57,197	116,927		95,281
Provision for income taxes		33,821		22,994	 46,115		37,827
Net income	\$	51,957	\$	34,203	\$ 70,812	\$	57,454
Basic net income per share	\$	1.18	\$	0.78	\$ 1.61	\$	1.31
Diluted net income per share	\$	1.16	\$	0.76	\$ 1.58	\$	1.28
Cash dividends per share	\$	0.075	\$	0.065	\$ 0.150	\$	0.130
Weighted average common shares:							
Basic		44,029		44,053	 43,973		44,020
Diluted		44,895		44,939	 44,754		44,955

CONDENSED BALANCE SHEETS

(In thousands)

(unaudited)

	 06/30/07	 12/31/06
Assets		
Current assets	\$ 108,094	\$ 98,809
Properties, buildings & equipment, net	1,193,252	1,080,631
Other assets	16,485	19,557
	\$ 1,317,831	\$ 1,198,997
Liabilities & Shareholders' Equity		
Current liabilities	\$ 157,022	\$ 215,403
Deferred income taxes	127,385	103,515
Long-term debt	465,000	390,000
Other long-term liabilities	89,070	62,379
Shareholders' equity	479,354	427,700
	\$ 1,317,831	\$ 1,198,997

CONDENSED STATEMENTS OF CASH FLOWS (In thousands)

(unaudited)

		Six M		IS
	0	6/30/07		06/30/06
Cash flows from operating activities:				
Net income	\$	70,812	\$	57,454
Depreciation, depletion & amortization (DD&A)		43,845		31,060
Dry hole, abandonment & impairment		2,922		6,375
Commodity derivatives		675		(674)
Stock-based compensation		3,779		2,199
Deferred income taxes		39,695		25,068
Gain on sale		(50,398)		-
Other, net		415		(64)
Net changes in operating assets and liabilities		(19,701)		(37,322)
Net cash provided by operating activities		92,044		84,096
Net cash used in investing activities		(153,717)		(271,431)
Net cash provided by financing activities		61,572		185,971
Net decrease in cash and cash equivalents		(101)		(1,364)
Cash and cash equivalents at beginning of year		416		1,990
			-	
Cash and cash equivalents at end of period	\$	315	\$	626
· ·			_	

5

COMPARATIVE OPERATING STATISTICS

(unaudited)

		Tl	nree Months		Six Months				
	 06/30/07	_	06/30/06	Change	06/30/07		06/30/06	Change	
Oil and gas:									
Net production-BOE per day	27,195		24,768	+10%	26,332		24,118	+9%	
Per BOE:									
Average sales price before hedges	\$ 44.72	\$	52.46	-15% \$	44.25	\$	51.08	-13%	
Average sales price after hedges	45.43		49.75	-9%	44.72		48.92	-9%	
Operating costs - oil and gas	14.44		12.01	+20%	14.55		12.10	+20%	
Production taxes	1.67		1.50	+11%	1.67		1.51	+11%	
Total operating costs	16.11		13.51	+19%	16.22		13.61	+19%	
DD&A - oil and gas	9.45		7.22	+31%	8.84		6.73	+31%	
General & administrative expenses	3.90		3.49	+12%	4.19		3.71	+13%	
Interest expense	\$ 2.01	\$	1.09	+84% \$	1.94	\$	0.92	+111%	

###

6