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October 20, 2005

Bureau of Land Management  
Farmington Resource Area  
1235 LaPlata Highway  
Farmington, New Mexico 87401  
Attn: Mr. Wayne Townsend

Commissioner of Public Lands  
State of New Mexico  
P.O. Box 1148  
Santa Fe, New Mexico 87501-1148  
Attn: Mr. Patrick H. Lyons

Oil Conservation Division  
State of New Mexico  
1220 So. Saint Francis Drive  
Santa Fe, New Mexico 87505-4000  
Attn: Ms Lori Wrotenberry

RE: San Juan 32-7 Unit – No. 14-08-001-441  
Commerciality Determination  
Fruitland Coal Formation  
San Juan County, New Mexico  
Contract: 040463 Lease: A650115

Ladies and Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 32-7 Unit Agreement, ConocoPhillips Company ("ConocoPhillips"), as Unit Operator, has determined that the following wells are capable of producing unitized substances in paying quantities from the Fruitland Coal formation:

| Well Name                | Dedication             | Lease No. | Completion Date | Operator's Determination |
|--------------------------|------------------------|-----------|-----------------|--------------------------|
| San Juan 32-7 Unit #214A | W/2 Sec. 34, T32N, R7W | SF 078542 | 09/21/2004      | Commercial               |
| San Juan 32-7 Unit #237A | E/2 Sec. 28, T32N, R7W | SF 078542 | 11/02/2004      | Commercial               |
| San Juan 32-7 Unit #245A | E/2 Sec. 17, T32N, R7W | SF 078460 | 12/03/2004      | Commercial               |

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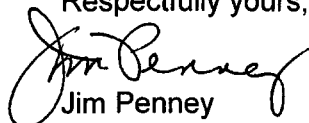
OIL CONSERVATION  
DIVISION

ConocoPhillips respectfully requests agency confirmation of the enclosed paying well determinations. Also enclosed is an economic summary for each paying well determination, along with production data for each well.

Upon confirmation from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and the New Mexico Oil Conservation Division, the formal Participating Area schedules will be prepared and submitted.

Copies of this letter and enclosures are being sent to the 32-7 Unit Fruitland Coal PA working interest owners as listed below. Please contact Janet Stasney at (832) 486-2359 for any technical questions you may have, and direct all other questions to the undersigned at (832) 486-2355.

Respectfully yours,



Jim Penney

Williams Production Company  
One Williams Center  
P.O. Box 3102 MS 37-5  
Tulsa, Oklahoma 74101  
Attention: Mr. Barbara Burnett, Landman

San Juan Basin Partnership  
C/O EN Vantage Inc.  
1415 North Loop West, Suite 1180  
Houston, TX 77008



## **Commerciality Determination**

**San Juan 32-7 Unit #245A  
Fruitland Coal  
SE, Sec 17, T32N, R7W  
San Juan County, NM  
API: 30-045-32465**

**This Fruitland Coal well was spud on 9/22/04 by ConocoPhillips and completed on 12/3/04.**

**Actual capital investment of \$913,260 for open hole cavity completion of the San Juan 32-7 Unit #245A Fruitland coal well was used in this determination. Estimated operating costs for this well are \$41,000/year.**

**Income was based on actual prices from 12/04 - 7/05 and a flat non-escalated value of \$5.50/mcf and normal transportation costs for future production.**

**Recommend that this well be determined commercial.**

## **Actual Production**

| <b>Month</b> | <b>Production (MCFD)</b> |
|--------------|--------------------------|
| Dec-04       | 96                       |
| Jan-05       | 1,165                    |
| Feb-05       | 141                      |
| Mar-05       | 327                      |
| Apr-05       | 1,230                    |
| May-05       | 3,275                    |
| Jun-05       | 3,274                    |
| Jul-05       | 3,242                    |

# US Summary Report

## SJ 32-7 245A Commerciality Determination

Nominal

### Case Description

Notes Fruitland Coal Infill 2004 Drill  
Actual drilling costs: \$913.26M  
Op Costs: \$26000/yr base + 15,000/yr pumping unit =  
\$41,000/yr. Well is producing 3.2 MMCFD. Used actual  
volumes 12/04-7/05 and forecasted volumes thereafter.

### Case Parameters

Author Janet Stasney  
Linked Well  
Global Parameters Escalate 2004 LRP (Yearly)  
Model ConocoPhillips  
Oil Price File  
Gas Price File  
Oil Offset 1  
Gas Offset 1

### Net Present Values (Generic)::ConocoPhillips

| Disc | Inc Before | Before Tax | Before Tax | After Tax | Cash  |
|------|------------|------------|------------|-----------|-------|
| Rate | Res & Tax  | Cap. Inv   | Cash Flow  | Cash Flow | PI    |
| (%)  | M\$        | M\$        | M\$        | M\$       |       |
| 0.0  | 12,542     | 913        | 11,629     | 7,094     | 10.98 |
| 8.0  | 9,372      | 879        | 8,494      | 5,151     | 8.53  |
| 10.0 | 8,792      | 871        | 7,921      | 4,796     | 8.08  |
| 11.0 | 8,524      | 867        | 7,657      | 4,633     | 7.87  |
| 13.0 | 8,030      | 859        | 7,171      | 4,331     | 7.48  |
| 15.0 | 7,583      | 852        | 6,732      | 4,059     | 7.12  |
| 18.0 | 6,989      | 841        | 6,148      | 3,697     | 6.65  |

### Company WI

|             | Initial % | Final % |
|-------------|-----------|---------|
| Working     | 100.0     | 100.0   |
| Oil NRI     | 82.5      | 82.5    |
| Gas NRI     | 82.5      | 82.5    |
| Byprod. NRI | 82.5      | 82.5    |
| Capital     | 100.0     | 100.0   |

### Scenarios

| Oil       | Base       |
|-----------|------------|
| Gas       | Post Audit |
| Interests | Base       |
| Opcoasts  | Base       |
| Capital   | Base       |

### Economic Indicators (Generic)::ConocoPhillips

|                          | BTax    | ATax    |
|--------------------------|---------|---------|
| AARR                     | %       | 331.3   |
| Cash Breakeven           | Years   | 0.8     |
| NPV @ 13%                | M\$     | 7,171   |
| 13% PI (cash)            | M\$/M\$ | 7.48    |
| 13% PI (capital)         | M\$/M\$ | 6.04    |
| NPV @ 10%                | M\$     | 7,921   |
| 10% PI (cash)            | M\$/M\$ | 8.08    |
| 10% PI (capital)         | M\$/M\$ | 6.51    |
| Dev Cost/BOE             | \$/BOE  | 1.87    |
| Economic Limit Date      |         | 2023/01 |
| Last Scheduled Prod Date |         | 2023/01 |
| Date of first production |         | 2004/12 |
| Date of first investment |         | 2004/09 |
| Discount Date            |         | 2004/09 |
| ROR                      |         | 331     |
|                          |         | 259     |

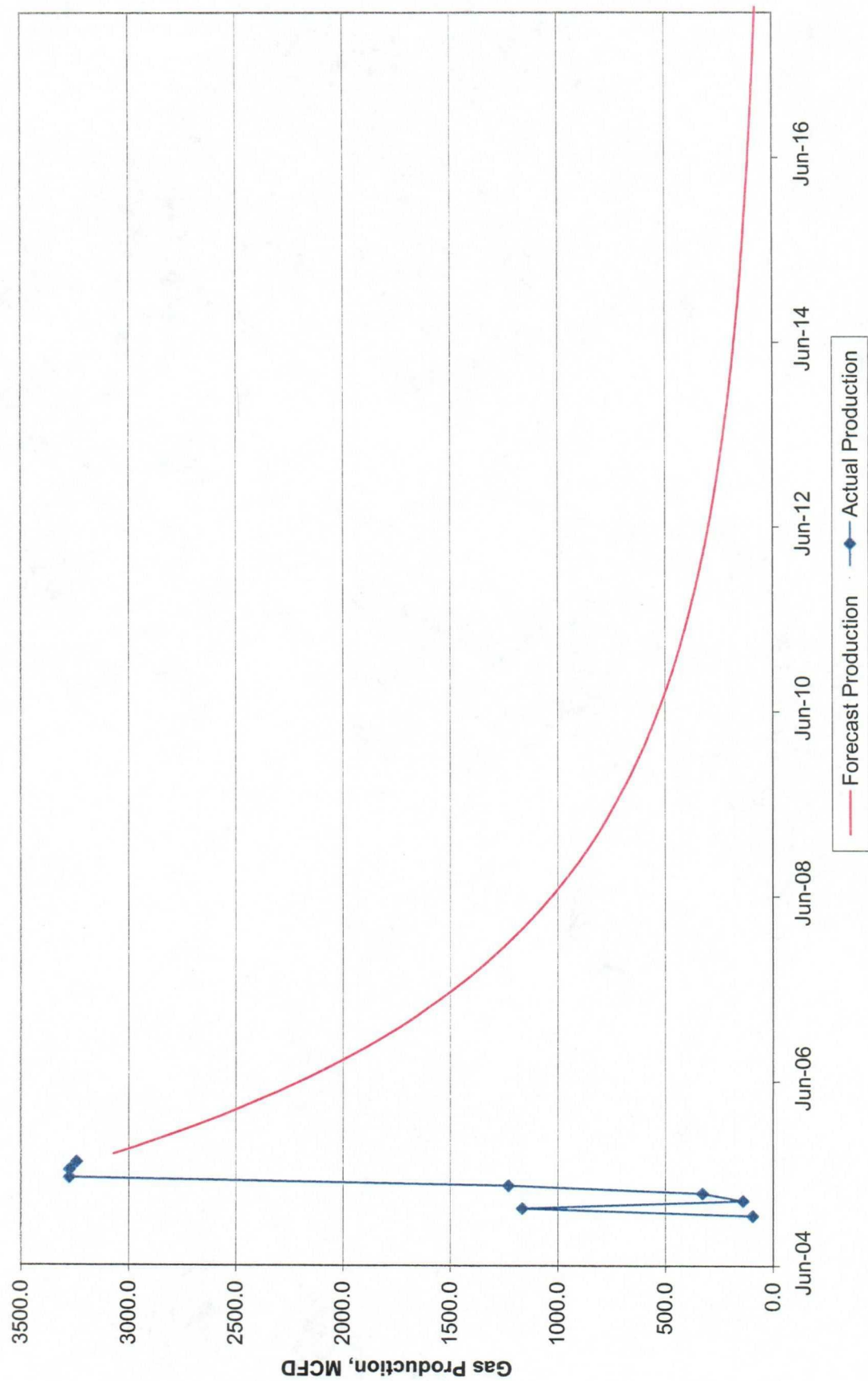
### Products Recovery (US)::ConocoPhillips

|           | Gross | Gross Economic | WI    | Roy | Net   |
|-----------|-------|----------------|-------|-----|-------|
| Oil       | MSTB  | 0              | 0     | 0   | 0     |
| Gas-Raw   | MMSCF | 3,560          | 3,560 | 623 | 2,937 |
| Gas-Sales | MMSCF | 3,560          | 3,560 | 623 | 2,937 |
| Ethane    | MSTB  | 0              | 0     | 0   | 0     |
| Propane   | MSTB  | 0              | 0     | 0   | 0     |
| Butane    | MSTB  | 0              | 0     | 0   | 0     |
| Cond.     | MSTB  | 0              | 0     | 0   | 0     |
| Sulphur   | MLT   | 0              | 0     | 0   | 0     |
| Other     | MSTB  | 0              | 0     | 0   | 0     |

### RESERVES AND ECONOMICS PRODUCTION & REVENUE SUMMARY

| Date     | Gross Oil/Cond Volume | Gross Gas Volume | NRI Oil | NRI Gas Sales | Oil Price | Gas Price | Gross # of Wells | Total NRI Revenue | Total Prod Taxes | Total Opcoasts | Income Before Reserves & Taxes | Total Capital | BTAX Cash Flow | ATAX Cash Flow | ATAX Cash Flow Disc. 10% | ATAX Cash Flow Disc 13% |
|----------|-----------------------|------------------|---------|---------------|-----------|-----------|------------------|-------------------|------------------|----------------|--------------------------------|---------------|----------------|----------------|--------------------------|-------------------------|
|          | MSTB                  | MMSCF            | MSTB    | MMSCF         | \$/Bbl    | \$/mcf    |                  | M\$               | M\$              | M\$            | M\$                            | M\$           | M\$            | M\$            | M\$                      | M\$                     |
| 2004(12) | 0.00                  | 2.98             | 0.00    | 2.46          | 0.00      | 1.39      | 1.0              | 13.65             | 1.64             | 3.42           | 8.60                           | 913.26        | -904.66        | -710.75        | -677.67                  | -668.61                 |
| 2005(12) | 0.00                  | 825.02           | 0.00    | 680.64        | 0.00      | 5.25      | 1.0              | 3,591.46          | 430.98           | 41.00          | 3,119.48                       | 0.00          | 3,119.48       | 1,943.86       | 1,684.91                 | 1,618.26                |
| 2006(12) | 0.00                  | 780.78           | 0.00    | 644.15        | 0.00      | 5.10      | 1.0              | 3,285.14          | 394.22           | 41.00          | 2,849.92                       | 0.00          | 2,849.92       | 1,771.95       | 1,396.27                 | 1,305.44                |
| 2007(12) | 0.00                  | 527.45           | 0.00    | 435.15        | 0.00      | 5.10      | 1.0              | 2,219.25          | 266.31           | 41.00          | 1,911.94                       | 0.00          | 1,911.94       | 1,194.44       | 855.64                   | 778.74                  |
| 2008(12) | 0.00                  | 367.50           | 0.00    | 303.19        | 0.00      | 5.10      | 1.0              | 1,546.27          | 185.55           | 41.00          | 1,319.71                       | 0.00          | 1,319.71       | 829.37         | 540.11                   | 478.51                  |
| 2009(12) | 0.00                  | 261.03           | 0.00    | 215.35        | 0.00      | 5.10      | 1.0              | 1,098.28          | 131.79           | 41.00          | 925.49                         | 0.00          | 925.49         | 582.16         | 344.65                   | 297.24                  |
| 2010(12) | 0.00                  | 190.06           | 0.00    | 156.80        | 0.00      | 5.10      | 1.0              | 799.68            | 95.96            | 41.00          | 662.72                         | 0.00          | 662.72         | 413.79         | 222.71                   | 186.97                  |
| 2011(12) | 0.00                  | 141.04           | 0.00    | 116.36        | 0.00      | 5.10      | 1.0              | 593.44            | 71.21            | 41.00          | 481.22                         | 0.00          | 481.22         | 298.31         | 145.96                   | 119.29                  |
| 2012(12) | 0.00                  | 106.69           | 0.00    | 88.02         | 0.00      | 5.10      | 1.0              | 448.89            | 53.87            | 41.00          | 354.02                         | 0.00          | 354.02         | 215.95         | 96.06                    | 76.42                   |
| 2013(12) | 0.00                  | 81.48            | 0.00    | 67.22         | 0.00      | 5.10      | 1.0              | 342.83            | 41.14            | 41.00          | 260.68                         | 0.00          | 260.68         | 159.02         | 64.30                    | 49.80                   |
| 2014(12) | 0.00                  | 63.28            | 0.00    | 52.20         | 0.00      | 5.10      | 1.0              | 266.23            | 31.95            | 41.00          | 193.28                         | 0.00          | 193.28         | 117.90         | 43.34                    | 32.67                   |
| 2015(12) | 0.00                  | 49.74            | 0.00    | 41.03         | 0.00      | 5.10      | 1.0              | 209.28            | 25.11            | 41.00          | 143.16                         | 0.00          | 143.16         | 87.33          | 29.18                    | 21.42                   |
| 2016(12) | 0.00                  | 39.62            | 0.00    | 32.69         | 0.00      | 5.10      | 1.0              | 166.72            | 20.01            | 41.00          | 105.71                         | 0.00          | 105.71         | 64.48          | 19.59                    | 13.99                   |
| 2017(12) | 0.00                  | 31.72            | 0.00    | 26.17         | 0.00      | 5.10      | 1.0              | 133.46            | 16.01            | 41.00          | 76.44                          | 0.00          | 76.44          | 46.63          | 12.88                    | 9.96                    |
| 2018(12) | 0.00                  | 25.70            | 0.00    | 21.20         | 0.00      | 5.10      | 1.0              | 108.14            | 12.98            | 41.00          | 54.16                          | 0.00          | 54.16          | 33.04          | 8.30                     | 5.62                    |
| 2019(12) | 0.00                  | 21.01            | 0.00    | 17.33         | 0.00      | 5.10      | 1.0              | 88.38             | 10.61            | 41.00          | 36.77                          | 0.00          | 36.77          | 22.43          | 5.12                     | 3.37                    |
| 2020(12) | 0.00                  | 17.35            | 0.00    | 14.31         | 0.00      | 5.10      | 1.0              | 73.00             | 8.76             | 41.00          | 23.24                          | 0.00          | 23.24          | 14.18          | 2.94                     | 1.89                    |
| 2021(12) | 0.00                  | 14.35            | 0.00    | 11.84         | 0.00      | 5.10      | 1.0              | 60.38             | 7.25             | 41.00          | 12.13                          | 0.00          | 12.13          | 7.40           | 1.40                     | 0.87                    |
| 2022(12) | 0.00                  | 11.99            | 0.00    | 9.89          | 0.00      | 5.10      | 1.0              | 50.44             | 6.05             | 41.00          | 3.39                           | 0.00          | 3.39           | 2.07           | 0.35                     | 0.22                    |
| 2023(12) | 0.00                  | 0.92             | 0.00    | 0.76          | 0.00      | 5.10      | 1.0              | 3.89              | 0.47             | 3.42           | 0.00                           | 0.00          | 0.00           | 0.00           | 0.00                     | 0.00                    |
| Total    | 0.00                  | 3,559.72         | 0.00    | 2,936.77      | ---       | ---       | ---              | 15,098.82         | 1,811.86         | 744.91         | 12,542.06                      | 913.26        | 11,628.80      | 7,093.57       | 4,796.03                 | 4,331.05                |

# San Juan 32-7 245A



Well ID: Z088019 API - 300453246500

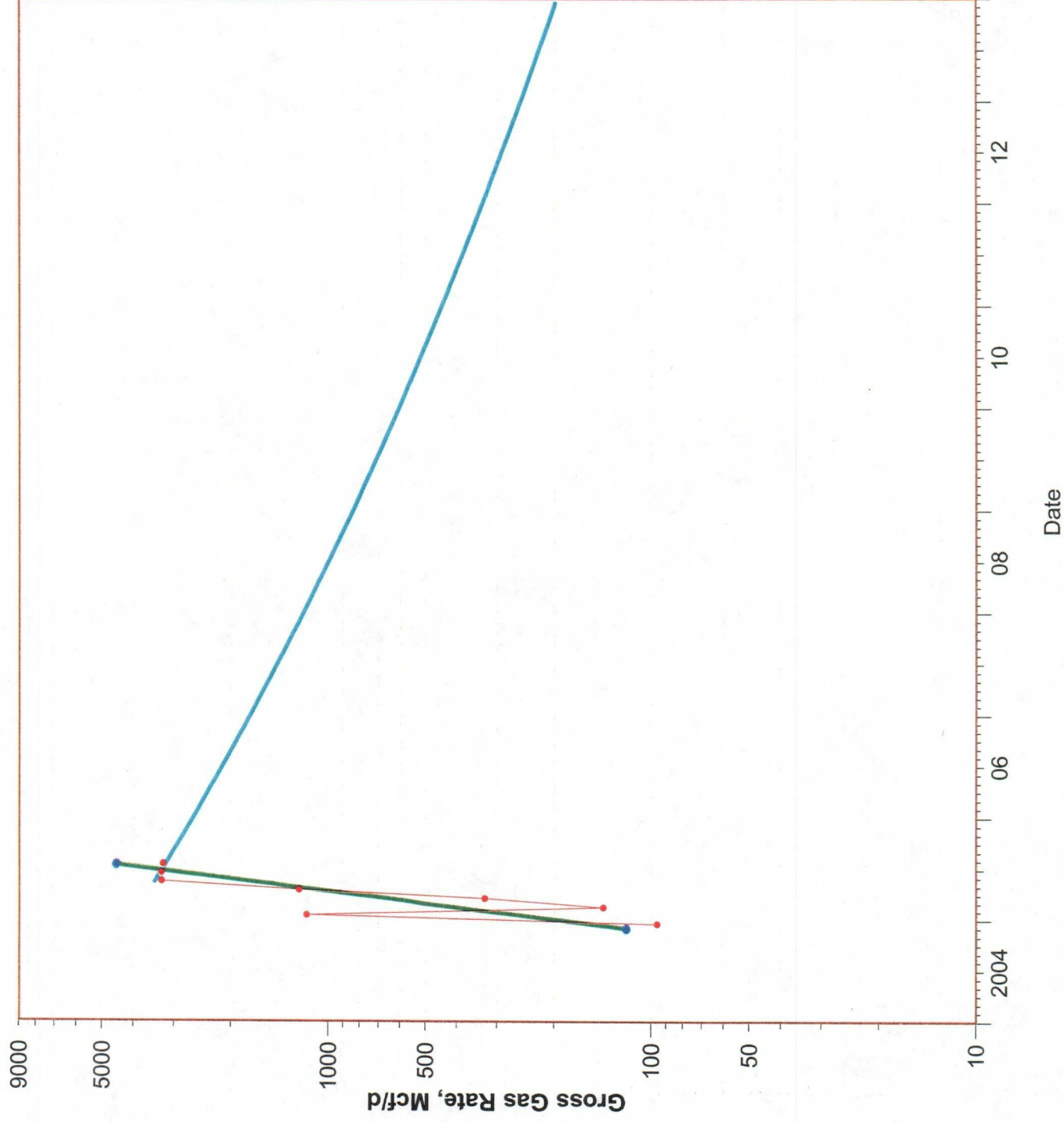
SAN JUAN 32 7 UNIT 245A\_FC

RMS Name: 650610 20028 WELL #245A

BASIN CB::FRUITLAND COAL NQ

Current Oil Cum. : 0.0 Mbbl Current Gas Cum. : 390.3 MMcf

RESFCST Gas Reserve Type = None



| Database Forecast | Parameters      |
|-------------------|-----------------|
| Phase             | : Gas           |
| Case Name         | : RESFCST       |
| b                 | : 0.2           |
| Di                | : 0.35 A.e.     |
| qi                | : 3500 Mcf/d    |
| ti                | : 04/30/2005    |
| te                | : 01/31/2023    |
| Final Rate        | : 29.5977 Mcf/d |
| Cum. Prod.        | : 90.064 MMcf   |
| Cum. Date         | : 01/31/2023    |
| Reserves          | : 3473.93 MMcf  |
| EUR               | : 3563.99 MMcf  |
| Forecast Ended By | : Rate          |
| DB Forecast Date  | : 06/21/2005    |



## **Commerciality Determination**

**San Juan 32-7 Unit #237A  
Fruitland Coal  
SE, Sec 28, T32N, R7W  
San Juan County, NM  
API: 30-045-32438**

**This Fruitland Coal well was spud on 10/03/04 by ConocoPhillips and completed on 11/02/04.**

**Actual capital investment of \$748,000 for open hole completion of the San Juan 32-7 Unit #237A Fruitland coal well was used in this determination. Estimated operating costs for this well are \$65,000/year for base expenses, pumping unit, and compression expenses.**

**Income was based on actual prices from 11/04 - 7/05 and a flat non-escalated value of \$5.50/mcf and normal transportation costs for future production.**

**Recommend that this well be determined commercial.**

## **Actual Production**

| <b>Month</b> | <b>Production (MCFD)</b> |
|--------------|--------------------------|
| Mar-05       | 111                      |
| Apr-05       | 244                      |
| May-05       | 217                      |
| Jun-05       | 257                      |
| Jul-05       | 261                      |
| Aug-05       | 270                      |

# US Summary Report

## SJ 32-7 237A Commerciality Determination

Nominal

### Case Description

Notes Fruitland Coal Infill 2004 Drill  
Actual drilling costs: \$748M.  
Op Costs: \$65,000/yr for base, pumping unit, and POD  
compression. Used actual volumes 3/05-8/05 and  
forecasted volumes thereafter.

### Case Parameters

Author Janet Stasney  
Linked Well  
Global Parameters Escalate 2004 LRP (Yearly)  
Model ConocoPhillips  
Oil Price File  
Gas Price File  
Oil Offset 1  
Gas Offset 1

### Net Present Values (Generic)::ConocoPhillips

| Disc | Inc Before | Before Tax | After Tax | Cash  |
|------|------------|------------|-----------|-------|
| Rate | Res & Tax  | Cap. Inv   | Cash Flow | PI    |
| (%)  | M\$        | M\$        | M\$       |       |
| 0.0  | 3,054      | 748        | 2,306     | 1,407 |
| 8.0  | 1,708      | 720        | 988       | 578   |
| 10.0 | 1,520      | 713        | 807       | 463   |
| 11.0 | 1,439      | 710        | 729       | 414   |
| 13.0 | 1,298      | 704        | 594       | 327   |
| 15.0 | 1,178      | 698        | 480       | 254   |
| 18.0 | 1,031      | 689        | 342       | 165   |

### Company WI

|             | Initial % | Final % |
|-------------|-----------|---------|
| Working     | 100.0     | 100.0   |
| Oil NRI     | 82.5      | 82.5    |
| Gas NRI     | 82.5      | 82.5    |
| Byprod. NRI | 82.5      | 82.5    |
| Capital     | 100.0     | 100.0   |

### Scenarios

| Oil       | Base       |
|-----------|------------|
| Gas       | Post Audit |
| Interests | Base       |
| Opcosts   | Base       |
| Capital   | Base       |

### Economic Indicators (Generic)::ConocoPhillips

|                          | BTax    | ATax    |
|--------------------------|---------|---------|
| AARR                     | %       | 30.5    |
| Cash Breakeven           | Years   | 3.1     |
| NPV @ 13%                | M\$     | 594     |
| 13% PI (cash)            | M\$/M\$ | 1.59    |
| 13% PI (capital)         | M\$/M\$ | 1.46    |
| NPV @ 10%                | M\$     | 807     |
| 10% PI (cash)            | M\$/M\$ | 1.83    |
| 10% PI (capital)         | M\$/M\$ | 1.65    |
| Dev Cost/BOE             | \$/BOE  | 4.11    |
| Economic Limit Date      |         | 2033/08 |
| Last Scheduled Prod Date |         | 2043/07 |
| Date of first production |         | 2005/03 |
| Date of first investment |         | 2004/10 |
| Discount Date            |         | 2004/10 |
| ROR                      | 31      | 26      |

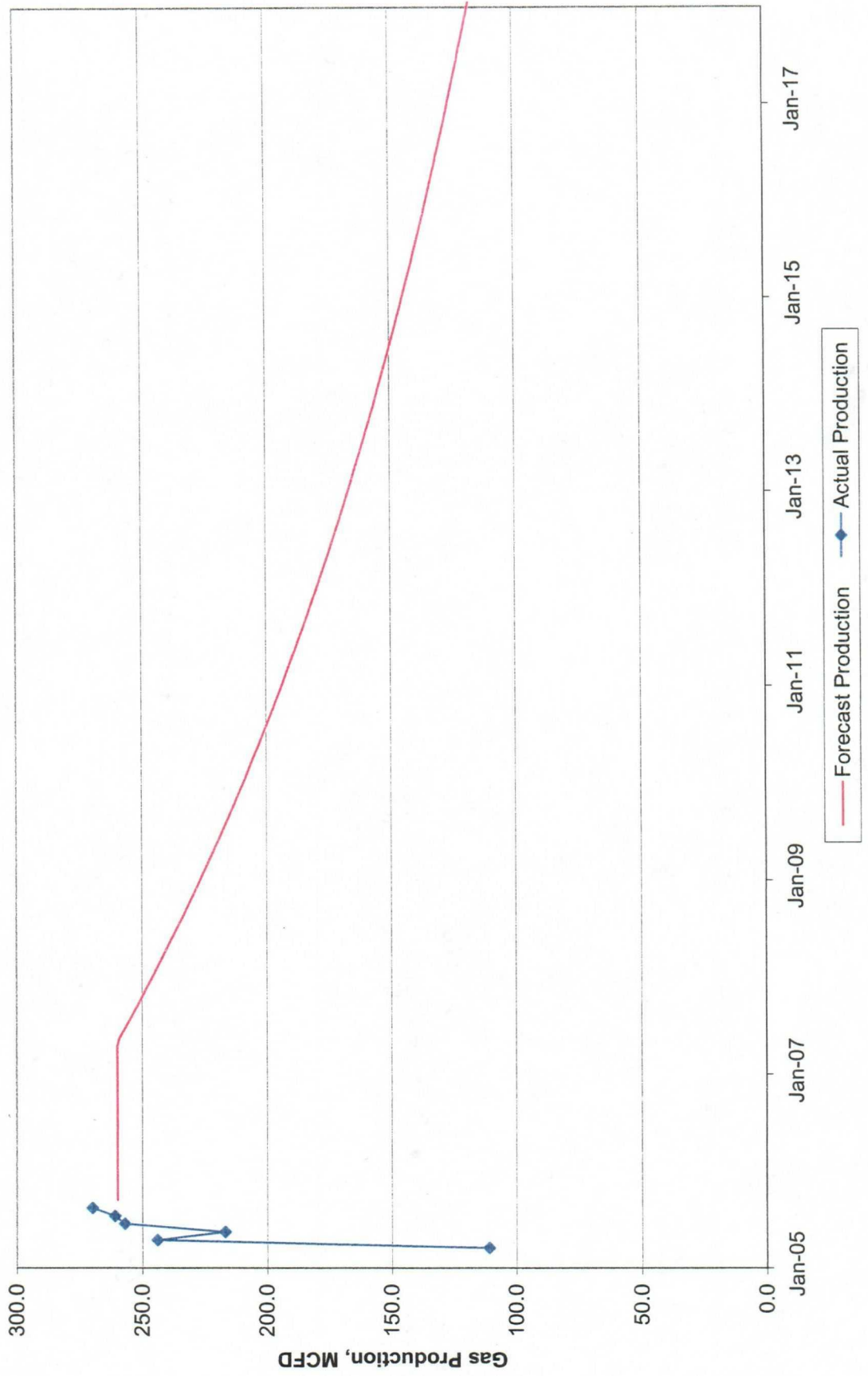
### Products Recovery (US)::ConocoPhillips

|           | Gross | Gross Economic | WI    | Roy | Net   |
|-----------|-------|----------------|-------|-----|-------|
| Oil       | MSTB  | 0              | 0     | 0   | 0     |
| Gas-Raw   | MMSCF | 1,461          | 1,324 | 232 | 1,092 |
| Gas-Sales | MMSCF | 1,461          | 1,324 | 232 | 1,092 |
| Ethane    | MSTB  | 0              | 0     | 0   | 0     |
| Propane   | MSTB  | 0              | 0     | 0   | 0     |
| Butane    | MSTB  | 0              | 0     | 0   | 0     |
| Cond.     | MSTB  | 0              | 0     | 0   | 0     |
| Sulphur   | MLt   | 0              | 0     | 0   | 0     |
| Other     | MSTB  | 0              | 0     | 0   | 0     |

### RESERVES AND ECONOMICS PRODUCTION & REVENUE SUMMARY

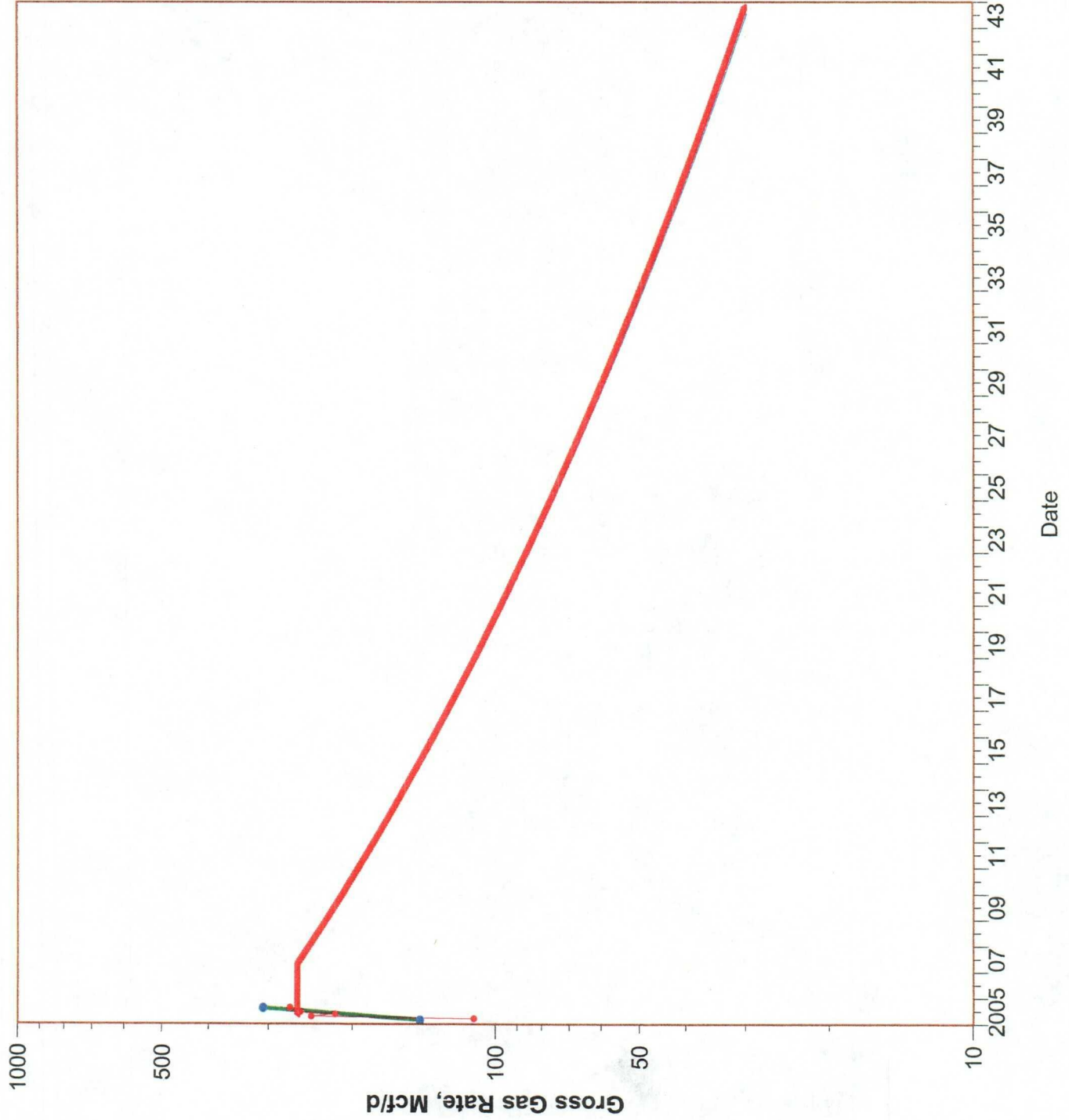
| Date     | Gross Oil/Cond Volume | Gross Gas Volume | NRI Oil | NRI Gas Sales | Oil Price | Gas Price | Gross # of Wells | Total NRI Revenue | Total Prod Taxes | Total Opcosts | Income Before Reserves & Taxes | Total Capital | BTAX Cash Flow | ATAX Cash Flow | ATAX Cash Flow Disc. 10% | ATAX Cash Flow Disc. 13% |
|----------|-----------------------|------------------|---------|---------------|-----------|-----------|------------------|-------------------|------------------|---------------|--------------------------------|---------------|----------------|----------------|--------------------------|--------------------------|
|          | MSTB                  | MMSCF            | MSTB    | MMSCF         | \$/Bbl    | \$/mcf    |                  | M\$               | M\$              | M\$           | M\$                            | M\$           | M\$            | M\$            | M\$                      | M\$                      |
| 2004(12) | 0.00                  | 0.00             | 0.00    | 0.00          | 0.00      | 0.00      | 1.0              | 0.00              | 0.00             | 0.00          | 0.00                           | 748.00        | -748.00        | -586.43        | -559.14                  | -551.67                  |
| 2005(12) | 0.00                  | 73.38            | 0.00    | 60.54         | 0.00      | 4.35      | 1.0              | 316.33            | 37.96            | 54.17         | 224.20                         | 0.00          | 224.20         | 170.32         | 147.63                   | 141.79                   |
| 2006(12) | 0.00                  | 94.90            | 0.00    | 78.29         | 0.00      | 5.10      | 1.0              | 399.29            | 47.92            | 65.00         | 286.37                         | 0.00          | 286.37         | 202.13         | 159.27                   | 148.91                   |
| 2007(12) | 0.00                  | 93.16            | 0.00    | 76.85         | 0.00      | 5.10      | 1.0              | 391.95            | 47.03            | 65.00         | 279.91                         | 0.00          | 279.91         | 193.81         | 138.84                   | 126.36                   |
| 2008(12) | 0.00                  | 86.41            | 0.00    | 71.29         | 0.00      | 5.10      | 1.0              | 363.57            | 43.63            | 65.00         | 254.94                         | 0.00          | 254.94         | 175.45         | 114.26                   | 101.23                   |
| 2009(12) | 0.00                  | 79.51            | 0.00    | 65.59         | 0.00      | 5.10      | 1.0              | 334.53            | 40.14            | 65.00         | 229.38                         | 0.00          | 229.38         | 154.35         | 91.38                    | 78.81                    |
| 2010(12) | 0.00                  | 73.50            | 0.00    | 60.64         | 0.00      | 5.10      | 1.0              | 309.24            | 37.11            | 65.00         | 207.13                         | 0.00          | 207.13         | 134.16         | 72.21                    | 60.62                    |
| 2011(12) | 0.00                  | 68.08            | 0.00    | 56.17         | 0.00      | 5.10      | 1.0              | 286.44            | 34.37            | 65.00         | 187.07                         | 0.00          | 187.07         | 118.02         | 57.74                    | 47.19                    |
| 2012(12) | 0.00                  | 63.32            | 0.00    | 52.24         | 0.00      | 5.10      | 1.0              | 266.44            | 31.97            | 65.00         | 169.46                         | 0.00          | 169.46         | 103.37         | 45.98                    | 36.58                    |
| 2013(12) | 0.00                  | 58.68            | 0.00    | 48.41         | 0.00      | 5.10      | 1.0              | 246.89            | 29.63            | 65.00         | 152.26                         | 0.00          | 152.26         | 92.88          | 37.56                    | 29.09                    |
| 2014(12) | 0.00                  | 54.62            | 0.00    | 45.06         | 0.00      | 5.10      | 1.0              | 229.83            | 27.58            | 65.00         | 137.24                         | 0.00          | 137.24         | 83.72          | 30.77                    | 23.20                    |
| 2015(12) | 0.00                  | 50.92            | 0.00    | 42.01         | 0.00      | 5.10      | 1.0              | 214.24            | 25.71            | 65.00         | 123.53                         | 0.00          | 123.53         | 75.35          | 25.18                    | 18.48                    |
| 2016(12) | 0.00                  | 47.66            | 0.00    | 39.32         | 0.00      | 5.10      | 1.0              | 200.51            | 24.06            | 65.00         | 111.45                         | 0.00          | 111.45         | 67.98          | 20.65                    | 14.75                    |
| 2017(12) | 0.00                  | 44.42            | 0.00    | 36.65         | 0.00      | 5.10      | 1.0              | 186.90            | 22.43            | 65.00         | 99.47                          | 0.00          | 99.47          | 60.67          | 16.76                    | 11.65                    |
| 2018(12) | 0.00                  | 41.59            | 0.00    | 34.31         | 0.00      | 5.10      | 1.0              | 174.98            | 21.00            | 65.00         | 88.98                          | 0.00          | 88.98          | 54.28          | 13.63                    | 9.23                     |
| 2019(12) | 0.00                  | 38.98            | 0.00    | 32.16         | 0.00      | 5.10      | 1.0              | 163.99            | 19.68            | 65.00         | 79.31                          | 0.00          | 79.31          | 48.38          | 11.04                    | 7.28                     |
| 2020(12) | 0.00                  | 36.67            | 0.00    | 30.26         | 0.00      | 5.10      | 1.0              | 154.30            | 18.52            | 65.00         | 70.78                          | 0.00          | 70.78          | 43.18          | 8.96                     | 5.75                     |
| 2021(12) | 0.00                  | 34.36            | 0.00    | 28.35         | 0.00      | 5.10      | 1.0              | 144.57            | 17.35            | 65.00         | 62.22                          | 0.00          | 62.22          | 37.95          | 7.16                     | 4.47                     |
| 2022(12) | 0.00                  | 32.32            | 0.00    | 26.66         | 0.00      | 5.10      | 1.0              | 135.98            | 16.32            | 65.00         | 54.66                          | 0.00          | 54.66          | 33.34          | 5.72                     | 3.48                     |
| 2023(12) | 0.00                  | 30.43            | 0.00    | 25.11         | 0.00      | 5.10      | 1.0              | 128.05            | 15.37            | 65.00         | 47.68                          | 0.00          | 47.68          | 29.09          | 4.53                     | 2.68                     |
| 2024(12) | 0.00                  | 28.77            | 0.00    | 23.73         | 0.00      | 5.10      | 1.0              | 121.04            | 14.53            | 65.00         | 41.52                          | 0.00          | 41.52          | 25.32          | 3.59                     | 2.07                     |
| 2025(12) | 0.00                  | 27.07            | 0.00    | 22.33         | 0.00      | 5.10      | 1.0              | 113.89            | 13.67            | 65.00         | 35.22                          | 0.00          | 35.22          | 21.48          | 2.77                     | 1.55                     |
| 2026(12) | 0.00                  | 25.57            | 0.00    | 21.10         | 0.00      | 5.10      | 1.0              | 107.60            | 12.91            | 65.00         | 29.69                          | 0.00          | 29.69          | 18.11          | 2.12                     | 1.16                     |
| 2027(12) | 0.00                  | 24.18            | 0.00    | 19.95         | 0.00      | 5.10      | 1.0              | 101.73            | 12.21            | 65.00         | 24.52                          | 0.00          | 24.52          | 14.96          | 1.59                     | 0.85                     |
| 2028(12) | 0.00                  | 22.94            | 0.00    | 18.93         | 0.00      | 5.10      | 1.0              | 96.52             | 11.58            | 65.00         | 19.94                          | 0.00          | 19.94          | 12.16          | 1.18                     | 0.61                     |
| 2029(12) | 0.00                  | 21.67            | 0.00    | 17.87         | 0.00      | 5.10      | 1.0              | 91.16             | 10.94            | 65.00         | 15.22                          | 0.00          | 15.22          | 9.28           | 0.82                     | 0.41                     |
| 2030(12) | 0.00                  | 20.55            | 0.00    | 16.95         | 0.00      | 5.10      | 1.0              | 86.45             | 10.37            | 65.00         | 11.07                          | 0.00          | 11.07          | 6.76           | 0.54                     | 0.26                     |
| 2031(12) | 0.00                  | 19.49            | 0.00    | 16.08         | 0.00      | 5.10      | 1.0              | 82.01             | 9.84             | 65.00         | 7.17                           | 0.00          | 7.17           | 4.37           | 0.32                     | 0.15                     |
| 2032(12) | 0.00                  | 18.56            | 0.00    | 15.31         | 0.00      | 5.10      | 1.0              | 78.07             | 9.37             | 65.00         | 3.70                           | 0.00          | 3.70           | 2.26           | 0.15                     | 0.07                     |
| 2033(12) | 0.00                  | 11.81            | 0.00    | 9.74          | 0.00      | 5.10      | 1.0              | 49.68             | 5.96             | 43.34         | 0.39                           | 0.00          | 0.39           | 0.24           | 0.01                     | 0.01                     |
| Total    | 0.00                  | 1,323.50         | 0.00    | 1,091.89      | ---       | ---       | ---              | 5,576.23          | 669.15           | 1,852.61      | 3,054.47                       | 748.00        | 2,306.47       | 1,406.94       | 463.23                   | 327.02                   |

San Juan 32-7 237A



Well ID: Z090883 API - 300453243800  
SAN JUAN 32 7 UNIT 237A\_FC  
RMS Name: 708979 20028 WELL #237A

BASIN CB::FRUITLAND COAL NQ  
Current Oil Cum. : 0.0 Mbbl Current Gas Cum. : 41.7 MMcf  
RESFCST Gas Reserve Type = None



| Working Forecast  | Parameters      |
|-------------------|-----------------|
| Phase             | : Gas           |
| Case Name         | : RESFCST       |
| b                 | : 0             |
| Di                | : 0 A.e.        |
| qi                | : 260 Mcf/d     |
| ti                | : 04/30/2005    |
| te                | : 04/30/2007    |
| Final Rate        | : 29.9243 Mcf/d |
| Cum. Prod.        | : 41.655 MMcf   |
| Cum. Date         | : 08/31/2005    |
| Reserves          | : 1427 MMcf     |
| EUR               | : 1468.65 MMcf  |
| Forecast Ended By | : Rate          |
| DB Forecast Date  | : 06/21/2005    |



## **Commerciality Determination**

**San Juan 32-7 Unit #214A  
Fruitland Coal  
NW, Sec 34, T32N, R7W  
San Juan County, NM  
API: 30-045-32437**

**This Fruitland Coal well was spud on 9/08/04 by ConocoPhillips and completed on 9/21/04.**

**Actual capital investment of \$585,000 for open hole completion of the San Juan 32-7 Unit #214A Fruitland coal well was used in this determination. Estimated operating costs for this well are \$26,000/year from 10/04 – 10/05. We are planning to install artificial lift in 11/05 for approximately \$100M capital investment, and expect operating costs to increase to \$41,000/year.**

**Income was based on actual prices from 11/04 - 7/05 and a flat non-escalated value of \$5.50/mcf and normal transportation costs for future production.**

**Recommend that this well be determined commercial.**

### **Actual Production**

| <b>Month</b> | <b>Production (MCFD)</b> |
|--------------|--------------------------|
| Nov-04       | 597                      |
| Dec-04       | 821                      |
| Jan-05       | 749                      |
| Feb-05       | 745                      |
| Mar-05       | 626                      |
| Apr-05       | 656                      |
| May-05       | 570                      |
| Jun-05       | 353                      |
| Jul-05       | 297                      |
| Aug-05       | 259                      |
| Sep-05       | 515                      |

# US Summary Report

## SJ 32-7 214A Commerciality Determination

Nominal

### Case Description

Notes Fruitland Coal Infill 2004 Drill  
Actual drilling costs: \$583M. Install PU 11/05 \$100M.  
Op Costs: \$26000/yr base until 11/05 when add 15,000/yr  
for pumping unit = \$41,000/yr. Used actual volumes  
11/04-10/05 and forecasted volumes thereafter. Well is  
having trouble producing into CDP pressure and is below  
lift. Plan to install pumping unit to get back on previous  
trend.

### Case Parameters

Author Janet Stasney  
Linked Well  
Global Parameters Escalate 2004 LRP (Yearly)  
Model ConocoPhillips  
Oil Price File  
Gas Price File  
Oil Offset 1  
Gas Offset 1

### Net Present Values (Generic)::ConocoPhillips

| Disc Rate | Inc Before Res & Tax (%) | Before Tax M\$ | Before Tax M\$ | After Tax M\$ | Cash Flow M\$ | PI |
|-----------|--------------------------|----------------|----------------|---------------|---------------|----|
| 0.0       | 3,031                    | 683            | 2,348          | 1,432         | 5.07          |    |
| 8.0       | 2,229                    | 650            | 1,579          | 942           | 3.78          |    |
| 10.0      | 2,086                    | 643            | 1,444          | 856           | 3.55          |    |
| 11.0      | 2,021                    | 639            | 1,382          | 816           | 3.45          |    |
| 13.0      | 1,901                    | 632            | 1,270          | 745           | 3.25          |    |
| 15.0      | 1,794                    | 625            | 1,170          | 681           | 3.08          |    |
| 18.0      | 1,653                    | 615            | 1,039          | 597           | 2.84          |    |

### Company WI

|             | Initial % | Final % |
|-------------|-----------|---------|
| Working     | 100.0     | 100.0   |
| Oil NRI     | 82.5      | 82.5    |
| Gas NRI     | 82.5      | 82.5    |
| Byprod. NRI | 82.5      | 82.5    |
| Capital     | 100.0     | 100.0   |

### Scenarios

| Oil       | Base       |
|-----------|------------|
| Gas       | Post Audit |
| Interests | Base       |
| Opcosts   | Base       |
| Capital   | Base       |

### Economic Indicators (Generic)::ConocoPhillips

|                          | BTax         | ATax |
|--------------------------|--------------|------|
| AARR                     | % 122.6      | 88.1 |
| Cash Breakeven           | Years 0.8    | 1.10 |
| NPV @ 13%                | M\$ 1,270    | 745  |
| 13% PI (cash)            | M\$/M\$ 3.25 |      |
| 13% PI (capital)         | M\$/M\$ 2.18 |      |
| NPV @ 10%                | M\$ 1,444    | 856  |
| 10% PI (cash)            | M\$/M\$ 3.55 |      |
| 10% PI (capital)         | M\$/M\$ 2.33 |      |
| Dev Cost/BOE             | \$/BOE 5.05  |      |
| Economic Limit Date      | 2021/01      |      |
| Last Scheduled Prod Date | 2021/04      |      |
| Date of first production | 2004/11      |      |
| Date of first investment | 2004/09      |      |
| Discount Date            | 2004/09      |      |
| ROR                      | 123          | 88   |

### Products Recovery (US)::ConocoPhillips

|           | Gross     | Gross Economic | WI  | Roy | Net |
|-----------|-----------|----------------|-----|-----|-----|
| Oil       | MSTB 0    | 0              | 0   | 0   | 0   |
| Gas-Raw   | MMSCF 987 | 984            | 984 | 172 | 812 |
| Gas-Sales | MMSCF 987 | 984            | 984 | 172 | 812 |
| Ethane    | MSTB 0    | 0              | 0   | 0   | 0   |
| Propane   | MSTB 0    | 0              | 0   | 0   | 0   |
| Butane    | MSTB 0    | 0              | 0   | 0   | 0   |
| Cond.     | MSTB 0    | 0              | 0   | 0   | 0   |
| Sulphur   | MLt 0     | 0              | 0   | 0   | 0   |
| Other     | MSTB 0    | 0              | 0   | 0   | 0   |

### RESERVES AND ECONOMICS PRODUCTION & REVENUE SUMMARY

| Date     | Gross Oil/Cond Volume | Gross Gas Volume | NRI Oil | NRI Gas Sales | Oil Price \$/Bbl | Gas Price \$/mcf | Gross # of Wells | Total NRI Revenue | Total Prod Taxes | Total Opcosts | Income Before Reserves & Taxes | Total Capital | BTAX Cash Flow | ATAX Cash Flow | ATAX Cash Flow Disc. 10% | ATAX Cash Flow Disc 13% |
|----------|-----------------------|------------------|---------|---------------|------------------|------------------|------------------|-------------------|------------------|---------------|--------------------------------|---------------|----------------|----------------|--------------------------|-------------------------|
|          | MSTB                  | MMSCF            | MSTB    | MMSCF         | \$/Bbl           | \$/mcf           |                  | M\$               | M\$              | M\$           | M\$                            | M\$           | M\$            | M\$            | M\$                      | M\$                     |
| 2004(12) | 0.00                  | 43.36            | 0.00    | 35.77         | 0.00             | 2.78             | 1.0              | 198.90            | 23.87            | 2.17          | 172.86                         | 583.00        | -410.14        | -351.62        | -335.26                  | -330.78                 |
| 2005(12) | 0.00                  | 181.10           | 0.00    | 149.41        | 0.00             | 5.25             | 1.0              | 786.97            | 94.44            | 28.50         | 664.03                         | 100.00        | 564.03         | 359.69         | 311.77                   | 299.44                  |
| 2006(12) | 0.00                  | 148.26           | 0.00    | 122.32        | 0.00             | 5.10             | 1.0              | 623.82            | 74.86            | 41.00         | 507.96                         | 0.00          | 507.96         | 333.56         | 262.84                   | 245.74                  |
| 2007(12) | 0.00                  | 116.57           | 0.00    | 96.17         | 0.00             | 5.10             | 1.0              | 490.48            | 58.86            | 41.00         | 390.62                         | 0.00          | 390.62         | 258.57         | 185.23                   | 168.58                  |
| 2008(12) | 0.00                  | 93.14            | 0.00    | 76.84         | 0.00             | 5.10             | 1.0              | 391.89            | 47.03            | 41.00         | 303.86                         | 0.00          | 303.86         | 203.21         | 132.34                   | 117.25                  |
| 2009(12) | 0.00                  | 74.93            | 0.00    | 61.82         | 0.00             | 5.10             | 1.0              | 315.27            | 37.83            | 41.00         | 236.43                         | 0.00          | 236.43         | 157.79         | 93.41                    | 80.56                   |
| 2010(12) | 0.00                  | 61.12            | 0.00    | 50.43         | 0.00             | 5.10             | 1.0              | 257.18            | 30.86            | 41.00         | 185.31                         | 0.00          | 185.31         | 120.39         | 64.79                    | 54.40                   |
| 2011(12) | 0.00                  | 50.36            | 0.00    | 41.55         | 0.00             | 5.10             | 1.0              | 211.88            | 25.43            | 41.00         | 145.45                         | 0.00          | 145.45         | 91.77          | 44.90                    | 36.70                   |
| 2012(12) | 0.00                  | 41.97            | 0.00    | 34.62         | 0.00             | 5.10             | 1.0              | 176.57            | 21.19            | 41.00         | 114.38                         | 0.00          | 114.38         | 69.77          | 31.03                    | 24.69                   |
| 2013(12) | 0.00                  | 35.07            | 0.00    | 28.93         | 0.00             | 5.10             | 1.0              | 147.55            | 17.71            | 41.00         | 88.84                          | 0.00          | 88.84          | 54.19          | 21.91                    | 16.97                   |
| 2014(12) | 0.00                  | 29.61            | 0.00    | 24.43         | 0.00             | 5.10             | 1.0              | 124.58            | 14.95            | 41.00         | 68.63                          | 0.00          | 68.63          | 41.86          | 15.39                    | 11.60                   |
| 2015(12) | 0.00                  | 25.18            | 0.00    | 20.77         | 0.00             | 5.10             | 1.0              | 105.93            | 12.71            | 41.00         | 52.21                          | 0.00          | 52.21          | 31.85          | 10.64                    | 7.81                    |
| 2016(12) | 0.00                  | 21.60            | 0.00    | 17.82         | 0.00             | 5.10             | 1.0              | 90.87             | 10.90            | 41.00         | 38.96                          | 0.00          | 38.96          | 23.76          | 7.22                     | 5.16                    |
| 2017(12) | 0.00                  | 18.53            | 0.00    | 15.28         | 0.00             | 5.10             | 1.0              | 77.95             | 9.35             | 41.00         | 27.59                          | 0.00          | 27.59          | 16.83          | 4.65                     | 3.23                    |
| 2018(12) | 0.00                  | 16.03            | 0.00    | 13.23         | 0.00             | 5.10             | 1.0              | 67.45             | 8.09             | 41.00         | 18.35                          | 0.00          | 18.35          | 11.19          | 2.81                     | 1.90                    |
| 2019(12) | 0.00                  | 13.95            | 0.00    | 11.51         | 0.00             | 5.10             | 1.0              | 58.69             | 7.04             | 41.00         | 10.64                          | 0.00          | 10.64          | 6.49           | 1.48                     | 0.98                    |
| 2020(12) | 0.00                  | 12.22            | 0.00    | 10.08         | 0.00             | 5.10             | 1.0              | 51.40             | 6.17             | 41.00         | 4.23                           | 0.00          | 4.23           | 2.58           | 0.54                     | 0.34                    |
| 2021(12) | 0.00                  | 0.96             | 0.00    | 0.79          | 0.00             | 5.10             | 1.0              | 4.04              | 0.49             | 3.42          | 0.14                           | 0.00          | 0.14           | 0.09           | 0.02                     | 0.01                    |
| Total    | 0.00                  | 983.95           | 0.00    | 811.76        | ---              | ---              | ---              | 4,181.42          | 501.77           | 649.15        | 3,030.50                       | 683.00        | 2,347.50       | 1,431.98       | 855.72                   | 744.58                  |

Well ID: Z090882 API - 300453243700  
SAN JUAN 32 7 UNIT 214A\_FC  
RMS Name: 708987 20028 32-7 #214A

BASIN CB::FRUITLAND COAL NQ  
Current Oil Cum. : 0.0 Mbbl Current Gas Cum. : 172.0 MMcf  
RESFCST Gas Reserve Type = None

