

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SEP 15 PM 3

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
ConocoPhillips Co.

3a. Address  
P.O. Box 2197, WL3-6085 Houston Tx 77252

3b. Phone No. (include area code)  
(832)486-2463

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T28N R7W NENE 817FNL 838FEL

5. Lease Serial No.  
NMSF078417

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
8910004590

8. Well Name and No.  
San Juan 28-7 Unit #47

9. API Well No.  
30-039-07389

10. Field and Pool, or Exploratory Area  
Basin FC; S Blanco PC; Blanco MV

11. County or Parish, State  
Rio Arriba  
NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                     |                                                      |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-----------------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/ Resume) | <input type="checkbox"/> Water Shut-Off              |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation                | <input type="checkbox"/> Well Integrity              |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                 | <input checked="" type="checkbox"/> Other Allocation |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon        |                                                      |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal             |                                                      |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips requests allocation on this well as per attached allocation percentages submitted and approved by the OCD and BLM in July, 2001.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Christina Gustartis

Title

Regulatory Specialist

Signature

*Chris Gustartis*

Date

09/14/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*Matt Hallert*

Title

*PE*

Date

*9/22/05*

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

*FFO*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECD**



July 9, 2001

Mr. Frank Chavez  
Oil Conservation Division  
1000 Rio Brazos Rd.  
Aztec, New Mexico 87410

RE: Allocation for Downhole Commingling  
San Juan 28-7 #47  
API#30-039-07389  
A, Sec.20, T28N, R7W  
Basin-Fruitland Coal (71629); Blanco Pictured Cliffs (72359); Blanco Mesaverde (72319)

Mr. Chavez

Conoco Inc. requests that production from this well be allocated as indicated by the initial flow test data below:

Fruitland Coal (production up casing)  
05/03/01 95 MCFD + 0 BOPD + 0 BWPD

Pictured Cliffs (production up tubing)  
05/03/01 1080 MCFD + 0 BOPD + 0 BWPD

Based on these initial inflow tests, calculated DHC allocation percentages for the FC and PC are:

|                        |                 |           |
|------------------------|-----------------|-----------|
| Fixed Allocation (Gas) | Fruitland Coal  | 8% 7.2%   |
|                        | Pictured Cliffs | 92% 81.3% |
| Fixed Allocation (Oil) | Fruitland Coal  | 0%        |
|                        | Pictured Cliffs | 0%        |

The production forecast for the Mesaverde Formation is as follows:

| YEAR | MID-YEAR<br>AVG. MCFD | MID-YEAR<br>AVG. BOPD |
|------|-----------------------|-----------------------|
| 2000 | 157                   | 0.7                   |
| 2001 | 153                   | 0.7                   |
| 2002 | 148                   | 0.7                   |
| 2003 | 144                   | 0.6                   |
| 2004 | 139                   | 0.6                   |
| 2005 | 135                   | 0.6                   |
| 2006 | 131                   | 0.6                   |
| 2007 | 127                   | 0.6                   |
| 2008 | 123                   | 0.6                   |
| 2009 | 120                   | 0.5                   |
| 2010 | 116                   | 0.5                   |
| 2011 | 113                   | 0.5                   |
| 2012 | 109                   | 0.5                   |
| 2013 | 106                   | 0.5                   |
| 2014 | 103                   | 0.5                   |

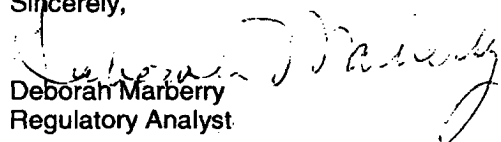
DHC 2829



|      |     |     |
|------|-----|-----|
| 2015 | 100 | 0.4 |
| 2016 | 97  | 0.4 |
| 2017 | 94  | 0.4 |
| 2018 | 91  | 0.4 |
| 2019 | 88  | 0.4 |
| 2020 | 86  | 0.4 |
| 2021 | 83  | 0.4 |
| 2022 | 80  | 0.4 |
| 2023 | 78  | 0.4 |
| 2024 | 76  | 0.3 |
| 2025 | 73  | 0.3 |
| 2026 | 71  | 0.3 |
| 2027 | 69  | 0.3 |
| 2028 | 67  | 0.3 |
| 2029 | 65  | 0.3 |
| 2030 | 63  | 0.3 |

If you need additional information please give me a call at (281) 293-1005. Thank you for your time.

Sincerely,

  
Deborah Marberry  
Regulatory Analyst



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington Field Office  
1235 La Plata Highway, Suite A  
Farmington, New Mexico 87401

IN REPLY REFER TO:  
NMSF079296, et al, (GC)  
3162.7 (07100)

Deborah Marberry and Yolanda Perez  
Conoco Inc.  
PO Box 2197  
Houston, TX 77252



July 23, 2001

Dear Ms. Marberry and Ms Perez:

Reference is made to your applications to down hole commingle production in wells in the San Juan 28-7 Unit on the enclosed page. We are accepting your method of production allocation identified in your applications along with allocation factors for those wells using a fixed method. For those wells using the subtraction method we are accepting the production forecast submitted with the application. The wells on the enclosed page are commingled in the following formations: Pictured Cliffs-Mesaverde (PC-MV) and Fruitland Coal-Pictured Cliffs-Mesaverde, (FC-PC-MV) and Pictured Cliffs-Chacra-Mesaverde (PC-Chacra-MV) and the Mesaverde-Dakota (MV-DK).

If you have any questions, please contact Joe Hewitt at (505) 599-6365.

Sincerely,

Joe Hewitt  
Geologist, Petroleum Management Team

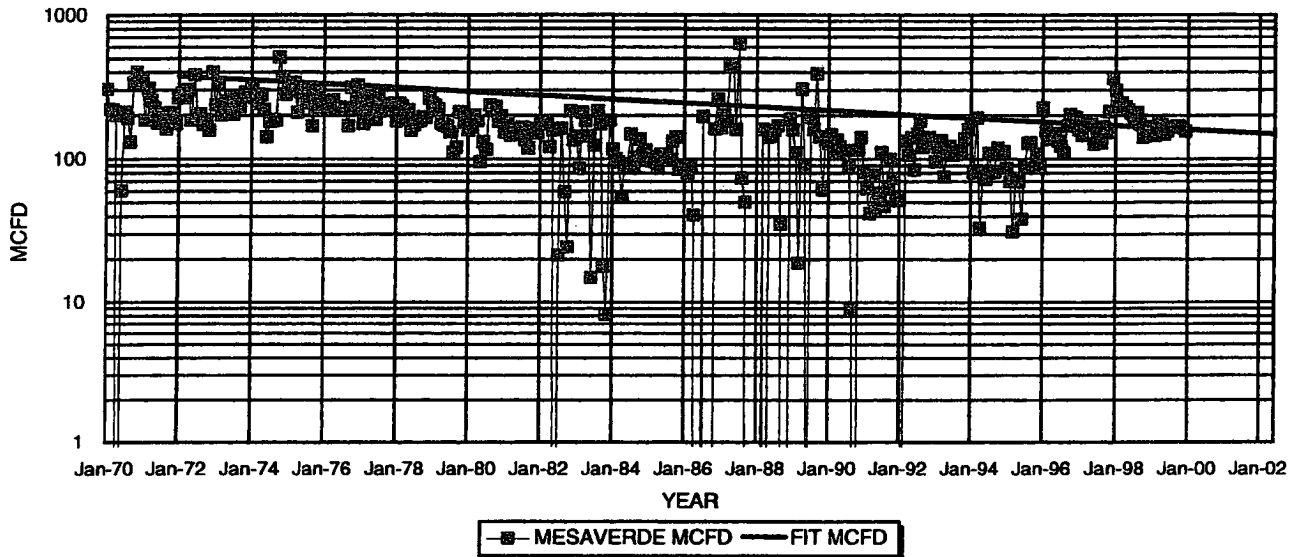
1Enclosure:

cc: NMOCD, Santa Fe, NM  
NMOCD, Aztec, NM

*DHC order #*  
*N22503*

| Well Name                | Lease      | Location            | API#        | Formation Allocation   | Formation Allocation   | Starting Date |
|--------------------------|------------|---------------------|-------------|------------------------|------------------------|---------------|
| San Juan 28-7 #1         | SF-078498  | A sec 33, T28N, R7W | 3003907274  | PC gas=64%<br>oil=0%   | MV gas=36%<br>oil=100% | 1/19/00 ✓     |
| 2850 San Juan 28-7 #6    | SF-078417  | N sec 16, T28N, R7W | 3003907398  | FC-PC-MV               | subtraction method     | 4/5/01 ✓      |
| 2827 San Juan 28-7 #22   | SF-078417  | H sec 17, T28N, R7W | 3003907422  | FC-PC-MV               | subtraction method     | 4/25/01 ✓     |
| 2835 San Juan 28-7 #32   | SF-078500A | L sec 19, T28N, R7W | 3003907367  | FC-PC-MV               | subtraction method     | 4/23/01 ✓     |
| 2824 San Juan 28-7 #47   | SF-078417  | A sec 20, T28N, R7W | 3003907389  | FC-PC-MV               | subtraction method     | 5/7/01        |
| 2631 San Juan 28-7 #48   | SF-078417  | L sec 21, T28N, R7W | 3003907362  | FC-PC-MV               | subtraction method     | 2/2/01        |
| 2526 San Juan 28-7 #52   | SF-078496  | H sec 27, T28N, R7W | 3003907315  | PC gas=13%<br>oil=0%   | MV gas=87%<br>oil=100% | only proposed |
| 2765 San Juan 28-7 #53   | SF-078498  | L sec 28, T28N, R7W | 3003907300  | FC-PC-MV               | subtraction method     | 3/7/01        |
| 34 A2 San Juan 28-7 #55  | SF-079289  | M sec 12, T28N, R7W | 3003907444  | FC-PC-MV               | subtraction method     | 11/29/00      |
| 33 A2 San Juan 28-7 #58  | SF-078497  | K sec 29, T28N, R7W | 3003907301  | PC-MV                  | subtraction method     | 3/14/01       |
| 2720 San Juan 28-7 #58A  | SF-078497  | D sec 29, T28N, R7W | 3003923983  | PC-Chacra-MV           | subtraction method     | 12/20/00      |
| 2766 San Juan 28-7 #59   | SF-078498  | B sec 29, T28N, R7W | 3003907334  | FC-PC-MV               | subtraction method     | only proposed |
| 2324 San Juan 28-7 #68   | SF-078500A | B sec 31, T28N, R7W | 30039060071 | FC gas=53%<br>oil=50%  | PC gas=47%<br>oil=50%  | 6/10/99       |
| 2742 San Juan 28-7 #73   | SF-078498A | A sec 28, T28N, R7W | 3003907332  | PC gas=14%<br>oil=0%   | MV gas=86%<br>oil=100% | only proposed |
| 1538 San Juan 28-7 #81   | SF-078972A | G sec 9, T27N, R7W  | 3003907132  | PC gas=55%<br>oil=0%   | MV gas=45%<br>oil=100% | 12/3/97       |
| 1539 San Juan 28-7 #88   | SF-078972  | A sec 10, T27N, R7W | 3003907147  | PC gas=22%<br>oil=0%   | MV gas=78%<br>oil=100% | 5/2/00        |
| 2033 San Juan 28-7 #98M  | NM-03560   | F sec 29, T27N, R7W | 3003925980  | MV gas=27%<br>oil=40%  | DK gas=73%<br>oil=60%  | 1/13/99       |
| 2034 San Juan 28-7 #100M | NM-03560   | P sec 30, T27N, R7W | 3003925881  | MV gas=52%<br>oil=100% | DK gas=48%<br>oil=0%   | 1/6/99        |

**SJ 28-7 #47 MESAVERDE PRODUCTION  
SECTION 20A-28N-07W, RIO ARRIBA COUNTY, NEW MEXICO**



| MESAVERDE PRODUCTION |        | 1ST PROD: 5/56 | MESAVERDE PROJECTED DATA |                    |
|----------------------|--------|----------------|--------------------------|--------------------|
| OIL CUM:             | 15.23  | MBO            | Jan.00 Qi:               | 160 MCFD           |
| GAS CUM:             | 3394.2 | MMCF           | DECLINE RATE:            | 3.0% (EXPONENTIAL) |
| OIL YIELD:           | 0.0045 | BBL/MCF        | API #30-039-07389        |                    |

**PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION**

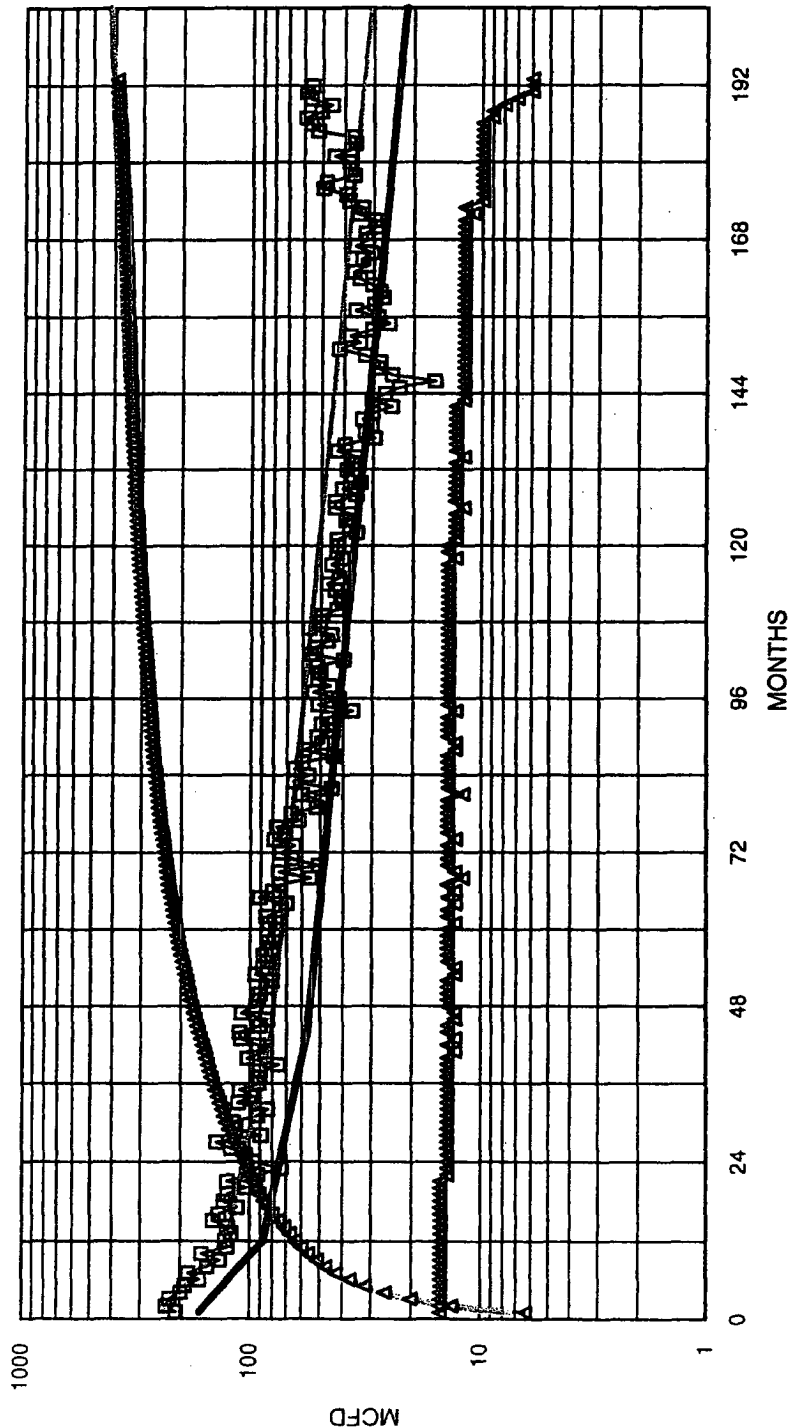
NOTE: Current decline rate is approximately 3.0%/year. This rate is expected to continue for the duration of the well based on production trends observed during the life of this well.

Production data from P/Dwights Plus.

| YEAR | MID-YEAR<br>AVG. MCFD | MID-YEAR<br>AVG. BOPD |
|------|-----------------------|-----------------------|
| 2000 | 157                   | 0.7                   |
| 2001 | 153                   | 0.7                   |
| 2002 | 148                   | 0.7                   |
| 2003 | 144                   | 0.6                   |
| 2004 | 139                   | 0.6                   |
| 2005 | 135                   | 0.6                   |
| 2006 | 131                   | 0.6                   |
| 2007 | 127                   | 0.6                   |
| 2008 | 123                   | 0.6                   |
| 2009 | 120                   | 0.5                   |
| 2010 | 116                   | 0.5                   |
| 2011 | 113                   | 0.5                   |
| 2012 | 109                   | 0.5                   |
| 2013 | 106                   | 0.5                   |
| 2014 | 103                   | 0.5                   |
| 2015 | 100                   | 0.4                   |
| 2016 | 97                    | 0.4                   |
| 2017 | 94                    | 0.4                   |
| 2018 | 91                    | 0.4                   |
| 2019 | 88                    | 0.4                   |
| 2020 | 86                    | 0.4                   |
| 2021 | 83                    | 0.4                   |
| 2022 | 80                    | 0.4                   |
| 2023 | 78                    | 0.4                   |
| 2024 | 76                    | 0.3                   |
| 2025 | 73                    | 0.3                   |
| 2026 | 71                    | 0.3                   |
| 2027 | 69                    | 0.3                   |

# NORMALIZED PICTURED CLIFFS PRODUCTION

PROD. SINCE 1980; 15 PC WELLS LOCATED IN 28N-7W AND 27N-7W (Secs. 1:12)



—▲— NORMALIZED MCFF —▲— NORM CUM MMCF —▲— WELLS ON PRODUCTION ——— FIT CUM MMCF ——— RISKED MCFF ——— FIT MCFF

## NORMALIZED AVG:

522 MMCF EUR  
524 MMCF/ 33.5YRS  
10 MCFF E.L.  
0.000158 bbl/mcf oil yield

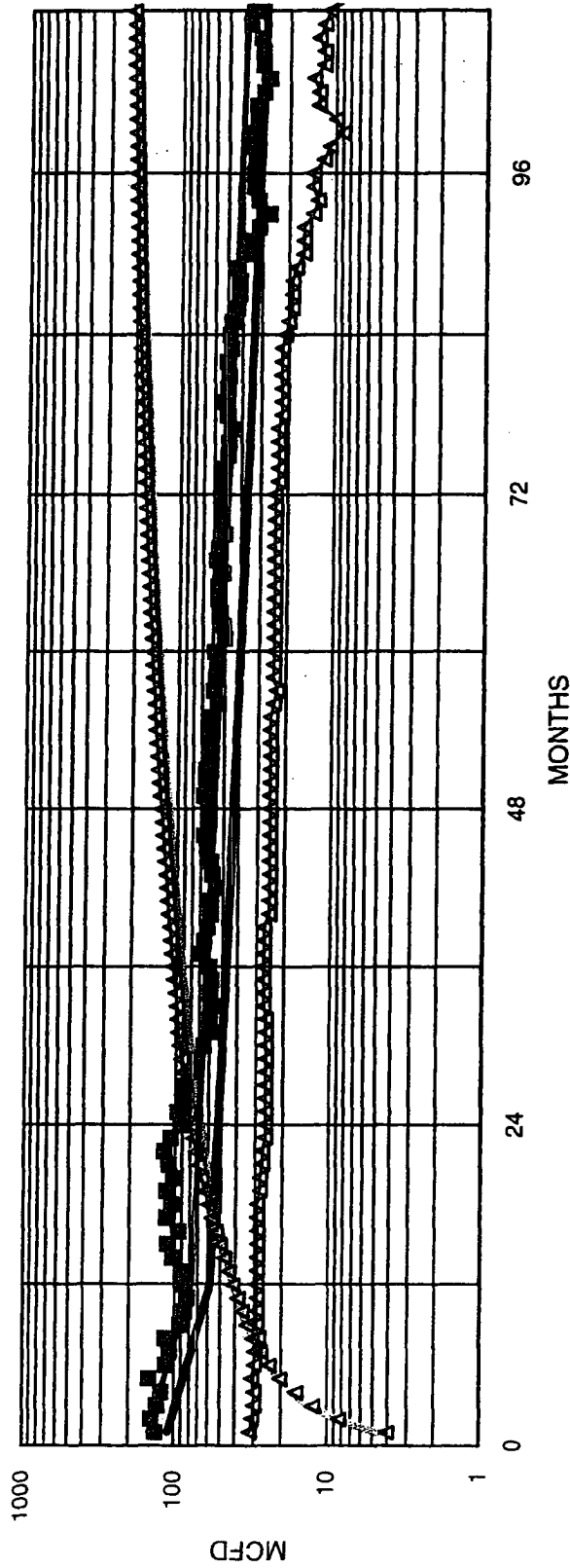
250 MCFF IP  
50% DECLINE, 1ST 12 MONTHS  
15% DECLINE, NEXT 36 MONTHS  
7% FINAL DECLINE

## RISKED AVG:

30% RISK  
350 MMCF EUR  
349 MMCF/ 27.8 YRS  
10 MCFF E.L.  
0.000158 bbl/mcf oil yield

175 MCFF IP  
50% DECLINE, 1ST 12 MONTHS  
15% DECLINE, NEXT 36 MONTHS  
7% FINAL DECLINE

**NORMALIZED FRUITLAND COAL PRODUCTION  
29 WELLS SINCE 1990; 28N-7W & 27N-7W**



—■— NORM CUM MMCF —▲— WELLS ON PRODUCTION ——— FIT CUM MMCF ——— RISKED MCFD ——— FIT MCFD

**NORMALIZED AVG:**

323 MMCF EUR  
300 MMCF IN 20 YRS  
10 MCFD E.L.  
0.0000 bbl/mcf oil yield

155 MCFD IP  
50.0% DECLINE, 1ST 12 MONTHS  
10.0% DECLINE, NEXT 24 MONTHS  
8.0% FINAL DECLINE

**RISKED AVG:**

231 MMCF EUR  
225 MMCF IN 20 YRS  
10 MCFD E.L.  
0.0000 bbl/mcf oil yield

**25% RISK**

116 MCFD IP  
50.0% DECLINE, 1ST 12 MONTHS  
10.0% DECLINE, NEXT 24 MONTHS  
8.0% FINAL DECLINE