

District I - (505) 393-6161  
P. O. Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Originated 11/1/95

Submit Original  
Plus 2 Copies  
to appropriate  
District Office

APPLICATION FOR  
QUALIFICATION OF WELL WORKOVER PROJECT  
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Conoco Inc. OGRID #: 005073

Address: 10 Desta Drive, Suite 100W, Midland, TX 79705-4500

Contact Party: Ray Rosato Phone: 915/686-6116

II. Name of Well: Gage 3M API #: 300452528700  
Location of Well: Unit Letter C, 870 Feet from the North line and 1770 feet from the WCST line.  
Section 20, Township 30N, Range 10W, NMPM, San Juan County

III. Date Workover Procedures Commenced: 11-11-97  
Date Workover Procedures were Completed: 11-11-97

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

Basin Dakota, Blanco Mesaverde

VII. AFFIDAVIT:

State of Texas )  
County of Midland ) ss.

Tammy Kitchens, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

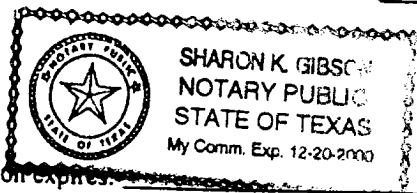
(Name)

Sr. Gas Assistant

(Title)

RECEIVED  
NOV 13 1998  
OIL CON. DIV.  
DIST. 3

SUBSCRIBED AND SWORN TO before me this 5<sup>th</sup> day of October 1998



Sharon K. Gibson

Notary Public

My Commission expires: \_\_\_\_\_

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 11/11, 1998.

SS. G  
District Supervisor, District 3  
Oil Conservation Division

Date: 11/30/98

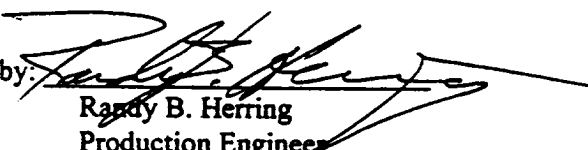
IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: \_\_\_\_\_

**Procedure  
for  
Plunger Lift Installation**

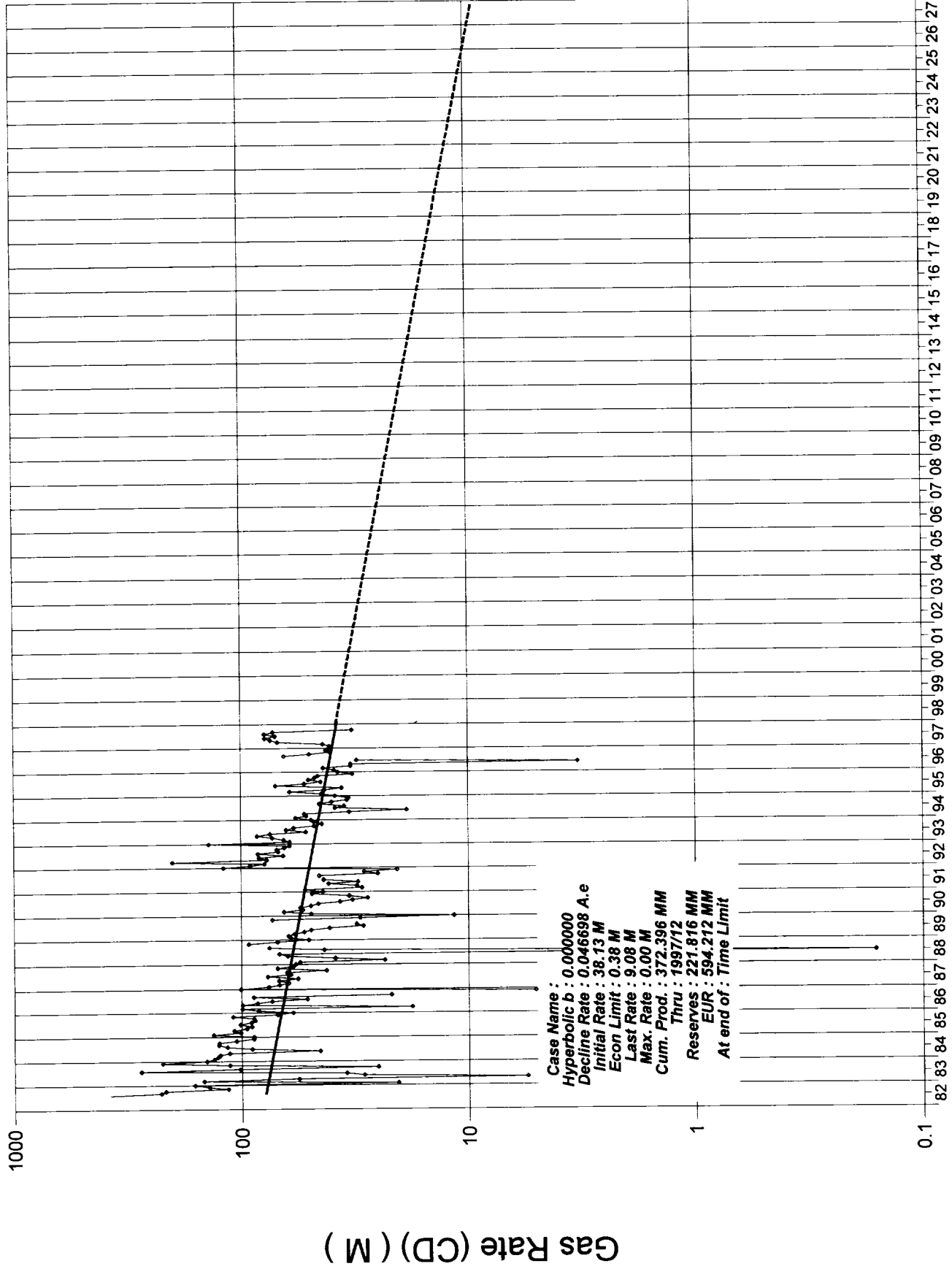
1. Recommend installation of 2 3/8" tubing. Ideally, tubing should be set low in the perforated interval.
2. Rig up wireline unit and tubing lubricator. RIH w/ wireline and set Standing Valve and Bumper Spring. RD wireline unit & lubricator.
3. Install Plunger Lift controller, Motor Valves, Catcher Lubricator, and Transducer Connections.
4. Drop plunger and adjust controller for well specific operation.
5. Thank You.

Prepared by:

  
Randy B. Herring

Production Engineer

# GAGE 3M



| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| Schedule: # 1     |                           |                           |                            |                               |                                |   |
| 1998/ 1           | 37.98                     | 38.05                     | 1.18                       | 373.6                         | 220.6                          | 1 |
| 1998/ 2           | 37.83                     | 38.03                     | 1.06                       | 374.6                         | 219.6                          | 1 |
| 1998/ 3           | 37.68                     | 37.62                     | 1.17                       | 375.8                         | 218.4                          | 1 |
| 1998/ 4           | 37.53                     | 37.64                     | 1.13                       | 376.9                         | 217.3                          | 1 |
| 1998/ 5           | 37.38                     | 37.41                     | 1.16                       | 378.1                         | 216.1                          | 1 |
| 1998/ 6           | 37.23                     | 37.34                     | 1.12                       | 379.2                         | 215.0                          | 1 |
| 1998/ 7           | 37.08                     | 37.11                     | 1.15                       | 380.4                         | 213.8                          | 1 |
| 1998/ 8           | 36.93                     | 37.01                     | 1.15                       | 381.5                         | 212.7                          | 1 |
| 1998/ 9           | 36.79                     | 36.90                     | 1.11                       | 382.6                         | 211.6                          | 1 |
| 1998/10           | 36.64                     | 36.67                     | 1.14                       | 383.8                         | 210.5                          | 1 |
| 1998/11           | 36.49                     | 36.61                     | 1.10                       | 384.9                         | 209.4                          | 1 |
| 1998/12           | 36.35                     | 36.38                     | 1.13                       | 386.0                         | 208.2                          | 1 |
| 1999/ 1           | 36.20                     | 36.28                     | 1.12                       | 387.1                         | 207.1                          | 1 |
| 1999/ 2           | 36.06                     | 36.26                     | 1.02                       | 388.1                         | 206.1                          | 1 |
| 1999/ 3           | 35.92                     | 35.86                     | 1.11                       | 389.2                         | 205.0                          | 1 |
| 1999/ 4           | 35.77                     | 35.88                     | 1.08                       | 390.3                         | 203.9                          | 1 |
| 1999/ 5           | 35.63                     | 35.66                     | 1.11                       | 391.4                         | 202.8                          | 1 |
| 1999/ 6           | 35.49                     | 35.60                     | 1.07                       | 392.5                         | 201.7                          | 1 |
| 1999/ 7           | 35.35                     | 35.38                     | 1.10                       | 393.6                         | 200.6                          | 1 |
| 1999/ 8           | 35.21                     | 35.28                     | 1.09                       | 394.7                         | 199.5                          | 1 |
| 1999/ 9           | 35.07                     | 35.18                     | 1.06                       | 395.7                         | 198.5                          | 1 |
| 1999/10           | 34.93                     | 34.96                     | 1.08                       | 396.8                         | 197.4                          | 1 |
| 1999/11           | 34.79                     | 34.90                     | 1.05                       | 397.9                         | 196.3                          | 1 |
| 1999/12           | 34.65                     | 34.68                     | 1.08                       | 398.9                         | 195.3                          | 1 |
| 2000/ 1           | 34.51                     | 34.58                     | 1.07                       | 400.0                         | 194.2                          | 1 |
| 2000/ 2           | 34.38                     | 34.52                     | 1.00                       | 401.0                         | 193.2                          | 1 |
| 2000/ 3           | 34.24                     | 34.23                     | 1.06                       | 402.1                         | 192.1                          | 1 |
| 2000/ 4           | 34.10                     | 34.21                     | 1.03                       | 403.1                         | 191.1                          | 1 |
| 2000/ 5           | 33.97                     | 34.00                     | 1.05                       | 404.2                         | 190.1                          | 1 |
| 2000/ 6           | 33.83                     | 33.94                     | 1.02                       | 405.2                         | 189.0                          | 1 |
| 2000/ 7           | 33.70                     | 33.73                     | 1.05                       | 406.2                         | 188.0                          | 1 |
| 2000/ 8           | 33.56                     | 33.63                     | 1.04                       | 407.3                         | 187.0                          | 1 |
| 2000/ 9           | 33.43                     | 33.53                     | 1.01                       | 408.3                         | 185.9                          | 1 |
| 2000/10           | 33.30                     | 33.33                     | 1.03                       | 409.3                         | 184.9                          | 1 |
| 2000/11           | 33.17                     | 33.27                     | 1.00                       | 410.3                         | 183.9                          | 1 |
| 2000/12           | 33.03                     | 33.06                     | 1.02                       | 411.3                         | 182.9                          | 1 |
| 2001/ 1           | 32.90                     | 32.97                     | 1.02                       | 412.3                         | 181.9                          | 1 |
| 2001/ 2           | 32.77                     | 32.95                     | 0.92                       | 413.3                         | 180.9                          | 1 |
| 2001/ 3           | 32.64                     | 32.59                     | 1.01                       | 414.3                         | 179.9                          | 1 |
| 2001/ 4           | 32.51                     | 32.61                     | 0.98                       | 415.3                         | 179.0                          | 1 |
| 2001/ 5           | 32.38                     | 32.41                     | 1.00                       | 416.3                         | 178.0                          | 1 |

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| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf | # | 1 |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|---|
| 2001/ 6           | 32.25                     | 32.35                     | 0.97                       | 417.2                         | 177.0                          | # | 1 |
| 2001/ 7           | 32.12                     | 32.15                     | 1.00                       | 418.2                         | 176.0                          | # | 1 |
| 2001/ 8           | 32.00                     | 32.06                     | 0.99                       | 419.2                         | 175.0                          | # | 1 |
| 2001/ 9           | 31.87                     | 31.97                     | 0.96                       | 420.2                         | 174.0                          | # | 1 |
| 2001/10           | 31.74                     | 31.77                     | 0.98                       | 421.2                         | 173.0                          | # | 1 |
| 2001/11           | 31.62                     | 31.71                     | 0.95                       | 422.1                         | 172.1                          | # | 1 |
| 2001/12           | 31.49                     | 31.52                     | 0.98                       | 423.1                         | 171.1                          | # | 1 |
| 2002/ 1           | 31.37                     | 31.43                     | 0.97                       | 424.1                         | 170.1                          | # | 1 |
| 2002/ 2           | 31.24                     | 31.41                     | 0.88                       | 424.9                         | 169.3                          | # | 1 |
| 2002/ 3           | 31.12                     | 31.07                     | 0.96                       | 425.9                         | 168.3                          | # | 1 |
| 2002/ 4           | 30.99                     | 31.09                     | 0.93                       | 426.8                         | 167.4                          | # | 1 |
| 2002/ 5           | 30.87                     | 30.90                     | 0.96                       | 427.8                         | 166.4                          | # | 1 |
| 2002/ 6           | 30.75                     | 30.84                     | 0.93                       | 428.7                         | 165.5                          | # | 1 |
| 2002/ 7           | 30.62                     | 30.65                     | 0.95                       | 429.7                         | 164.5                          | # | 1 |
| 2002/ 8           | 30.50                     | 30.56                     | 0.95                       | 430.6                         | 163.6                          | # | 1 |
| 2002/ 9           | 30.38                     | 30.48                     | 0.91                       | 431.5                         | 162.7                          | # | 1 |
| 2002/10           | 30.26                     | 30.29                     | 0.94                       | 432.5                         | 161.7                          | # | 1 |
| 2002/11           | 30.14                     | 30.23                     | 0.91                       | 433.4                         | 160.8                          | # | 1 |
| 2002/12           | 30.02                     | 30.05                     | 0.93                       | 434.3                         | 159.9                          | # | 1 |
| 2003/ 1           | 29.90                     | 29.96                     | 0.93                       | 435.2                         | 159.0                          | # | 1 |
| 2003/ 2           | 29.78                     | 29.94                     | 0.84                       | 436.1                         | 158.1                          | # | 1 |
| 2003/ 3           | 29.66                     | 29.62                     | 0.92                       | 437.0                         | 157.2                          | # | 1 |
| 2003/ 4           | 29.55                     | 29.64                     | 0.89                       | 437.9                         | 156.3                          | # | 1 |
| 2003/ 5           | 29.43                     | 29.46                     | 0.91                       | 438.8                         | 155.4                          | # | 1 |
| 2003/ 6           | 29.31                     | 29.40                     | 0.88                       | 439.7                         | 154.5                          | # | 1 |
| 2003/ 7           | 29.19                     | 29.22                     | 0.91                       | 440.6                         | 153.6                          | # | 1 |
| 2003/ 8           | 29.08                     | 29.14                     | 0.90                       | 441.5                         | 152.7                          | # | 1 |
| 2003/ 9           | 28.96                     | 29.05                     | 0.87                       | 442.4                         | 151.8                          | # | 1 |
| 2003/10           | 28.85                     | 28.87                     | 0.90                       | 443.3                         | 151.0                          | # | 1 |
| 2003/11           | 28.73                     | 28.82                     | 0.86                       | 444.1                         | 150.1                          | # | 1 |
| 2003/12           | 28.62                     | 28.64                     | 0.89                       | 445.0                         | 149.2                          | # | 1 |
| 2004/ 1           | 28.50                     | 28.56                     | 0.89                       | 445.9                         | 148.3                          | # | 1 |
| 2004/ 2           | 28.39                     | 28.51                     | 0.83                       | 446.7                         | 147.5                          | # | 1 |
| 2004/ 3           | 28.28                     | 28.27                     | 0.88                       | 447.6                         | 146.6                          | # | 1 |
| 2004/ 4           | 28.17                     | 28.25                     | 0.85                       | 448.4                         | 145.8                          | # | 1 |
| 2004/ 5           | 28.05                     | 28.08                     | 0.87                       | 449.3                         | 144.9                          | # | 1 |
| 2004/ 6           | 27.94                     | 28.03                     | 0.84                       | 450.2                         | 144.1                          | # | 1 |
| 2004/ 7           | 27.83                     | 27.86                     | 0.86                       | 451.0                         | 143.2                          | # | 1 |
| 2004/ 8           | 27.72                     | 27.78                     | 0.86                       | 451.9                         | 142.3                          | # | 1 |
| 2004/ 9           | 27.61                     | 27.70                     | 0.83                       | 452.7                         | 141.5                          | # | 1 |
| 2004/10           | 27.50                     | 27.53                     | 0.85                       | 453.6                         | 140.6                          | # | 1 |
| 2004/11           | 27.39                     | 27.48                     | 0.82                       | 454.4                         | 139.8                          | # | 1 |

| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|---|
| 2004/12           | 27.28                     | 27.31                     | 0.85                       | 455.2                         | 139.0                          | # | 1 |
| 2005/ 1           | 27.17                     | 27.23                     | 0.84                       | 456.1                         | 138.1                          | # | 1 |
| 2005/ 2           | 27.07                     | 27.21                     | 0.76                       | 456.8                         | 137.4                          | # | 1 |
| 2005/ 3           | 26.96                     | 26.92                     | 0.83                       | 457.7                         | 136.5                          | # | 1 |
| 2005/ 4           | 26.85                     | 26.93                     | 0.81                       | 458.5                         | 135.7                          | # | 1 |
| 2005/ 5           | 26.74                     | 26.77                     | 0.83                       | 459.3                         | 134.9                          | # | 1 |
| 2005/ 6           | 26.64                     | 26.72                     | 0.80                       | 460.1                         | 134.1                          | # | 1 |
| 2005/ 7           | 26.53                     | 26.56                     | 0.82                       | 460.9                         | 133.3                          | # | 1 |
| 2005/ 8           | 26.43                     | 26.48                     | 0.82                       | 461.8                         | 132.4                          | # | 1 |
| 2005/ 9           | 26.32                     | 26.40                     | 0.79                       | 462.6                         | 131.7                          | # | 1 |
| 2005/10           | 26.22                     | 26.24                     | 0.81                       | 463.4                         | 130.8                          | # | 1 |
| 2005/11           | 26.11                     | 26.19                     | 0.79                       | 464.2                         | 130.1                          | # | 1 |
| 2005/12           | 26.01                     | 26.03                     | 0.81                       | 465.0                         | 129.3                          | # | 1 |
| 2006/ 1           | 25.90                     | 25.96                     | 0.80                       | 465.8                         | 128.4                          | # | 1 |
| 2006/ 2           | 25.80                     | 25.94                     | 0.73                       | 466.5                         | 127.7                          | # | 1 |
| 2006/ 3           | 25.70                     | 25.66                     | 0.80                       | 467.3                         | 126.9                          | # | 1 |
| 2006/ 4           | 25.60                     | 25.68                     | 0.77                       | 468.1                         | 126.2                          | # | 1 |
| 2006/ 5           | 25.50                     | 25.52                     | 0.79                       | 468.8                         | 125.4                          | # | 1 |
| 2006/ 6           | 25.39                     | 25.47                     | 0.76                       | 469.6                         | 124.6                          | # | 1 |
| 2006/ 7           | 25.29                     | 25.32                     | 0.78                       | 470.4                         | 123.8                          | # | 1 |
| 2006/ 8           | 25.19                     | 25.24                     | 0.78                       | 471.2                         | 123.0                          | # | 1 |
| 2006/ 9           | 25.09                     | 25.17                     | 0.76                       | 471.9                         | 122.3                          | # | 1 |
| 2006/10           | 24.99                     | 25.02                     | 0.78                       | 472.7                         | 121.5                          | # | 1 |
| 2006/11           | 24.89                     | 24.97                     | 0.75                       | 473.5                         | 120.8                          | # | 1 |
| 2006/12           | 24.79                     | 24.82                     | 0.77                       | 474.2                         | 120.0                          | # | 1 |
| 2007/ 1           | 24.70                     | 24.74                     | 0.77                       | 475.0                         | 119.2                          | # | 1 |
| 2007/ 2           | 24.60                     | 24.73                     | 0.69                       | 475.7                         | 118.5                          | # | 1 |
| 2007/ 3           | 24.50                     | 24.46                     | 0.76                       | 476.4                         | 117.8                          | # | 1 |
| 2007/ 4           | 24.40                     | 24.48                     | 0.73                       | 477.2                         | 117.0                          | # | 1 |
| 2007/ 5           | 24.30                     | 24.33                     | 0.75                       | 477.9                         | 116.3                          | # | 1 |
| 2007/ 6           | 24.21                     | 24.28                     | 0.73                       | 478.7                         | 115.5                          | # | 1 |
| 2007/ 7           | 24.11                     | 24.13                     | 0.75                       | 479.4                         | 114.8                          | # | 1 |
| 2007/ 8           | 24.02                     | 24.06                     | 0.75                       | 480.2                         | 114.1                          | # | 1 |
| 2007/ 9           | 23.92                     | 23.99                     | 0.72                       | 480.9                         | 113.3                          | # | 1 |
| 2007/10           | 23.83                     | 23.85                     | 0.74                       | 481.6                         | 112.6                          | # | 1 |
| 2007/11           | 23.73                     | 23.80                     | 0.71                       | 482.3                         | 111.9                          | # | 1 |
| 2007/12           | 23.64                     | 23.66                     | 0.73                       | 483.1                         | 111.1                          | # | 1 |
| 2008/ 1           | 23.54                     | 23.59                     | 0.73                       | 483.8                         | 110.4                          | # | 1 |
| 2008/ 2           | 23.45                     | 23.55                     | 0.68                       | 484.5                         | 109.7                          | # | 1 |
| 2008/ 3           | 23.36                     | 23.35                     | 0.72                       | 485.2                         | 109.0                          | # | 1 |
| 2008/ 4           | 23.26                     | 23.33                     | 0.70                       | 485.9                         | 108.3                          | # | 1 |
| 2008/ 5           | 23.17                     | 23.19                     | 0.72                       | 486.6                         | 107.6                          | # | 1 |

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|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| 2008/ 6           | 23.08                     | 23.15                     | 0.69                       | 487.3                         | 106.9                          | 1 |
| 2008/ 7           | 22.99                     | 23.01                     | 0.71                       | 488.0                         | 106.2                          | 1 |
| 2008/ 8           | 22.89                     | 22.94                     | 0.71                       | 488.7                         | 105.5                          | 1 |
| 2008/ 9           | 22.80                     | 22.87                     | 0.69                       | 489.4                         | 104.8                          | 1 |
| 2008/10           | 22.71                     | 22.73                     | 0.70                       | 490.1                         | 104.1                          | 1 |
| 2008/11           | 22.62                     | 22.69                     | 0.68                       | 490.8                         | 103.4                          | 1 |
| 2008/12           | 22.53                     | 22.55                     | 0.70                       | 491.5                         | 102.7                          | 1 |
| 2009/ 1           | 22.44                     | 22.49                     | 0.70                       | 492.2                         | 102.0                          | 1 |
| 2009/ 2           | 22.35                     | 22.47                     | 0.63                       | 492.8                         | 101.4                          | 1 |
| 2009/ 3           | 22.26                     | 22.23                     | 0.69                       | 493.5                         | 100.7                          | 1 |
| 2009/ 4           | 22.18                     | 22.24                     | 0.67                       | 494.2                         | 100.0                          | 1 |
| 2009/ 5           | 22.09                     | 22.11                     | 0.69                       | 494.9                         | 99.3                           | 1 |
| 2009/ 6           | 22.00                     | 22.07                     | 0.66                       | 495.5                         | 98.7                           | 1 |
| 2009/ 7           | 21.91                     | 21.93                     | 0.68                       | 496.2                         | 98.0                           | 1 |
| 2009/ 8           | 21.83                     | 21.87                     | 0.68                       | 496.9                         | 97.3                           | 1 |
| 2009/ 9           | 21.74                     | 21.80                     | 0.65                       | 497.6                         | 96.7                           | 1 |
| 2009/10           | 21.65                     | 21.67                     | 0.67                       | 498.2                         | 96.0                           | 1 |
| 2009/11           | 21.57                     | 21.63                     | 0.65                       | 498.9                         | 95.3                           | 1 |
| 2009/12           | 21.48                     | 21.50                     | 0.67                       | 499.5                         | 94.7                           | 1 |
| 2010/ 1           | 21.39                     | 21.44                     | 0.66                       | 500.2                         | 94.0                           | 1 |
| 2010/ 2           | 21.31                     | 21.43                     | 0.60                       | 500.8                         | 93.4                           | 1 |
| 2010/ 3           | 21.22                     | 21.19                     | 0.66                       | 501.5                         | 92.7                           | 1 |
| 2010/ 4           | 21.14                     | 21.21                     | 0.64                       | 502.1                         | 92.1                           | 1 |
| 2010/ 5           | 21.06                     | 21.08                     | 0.65                       | 502.8                         | 91.5                           | 1 |
| 2010/ 6           | 20.97                     | 21.04                     | 0.63                       | 503.4                         | 90.8                           | 1 |
| 2010/ 7           | 20.89                     | 20.91                     | 0.65                       | 504.0                         | 90.2                           | 1 |
| 2010/ 8           | 20.81                     | 20.85                     | 0.65                       | 504.7                         | 89.5                           | 1 |
| 2010/ 9           | 20.72                     | 20.79                     | 0.62                       | 505.3                         | 88.9                           | 1 |
| 2010/10           | 20.64                     | 20.66                     | 0.64                       | 505.9                         | 88.3                           | 1 |
| 2010/11           | 20.56                     | 20.62                     | 0.62                       | 506.6                         | 87.7                           | 1 |
| 2010/12           | 20.48                     | 20.50                     | 0.64                       | 507.2                         | 87.0                           | 1 |
| 2011/ 1           | 20.40                     | 20.44                     | 0.63                       | 507.8                         | 86.4                           | 1 |
| 2011/ 2           | 20.31                     | 20.42                     | 0.57                       | 508.4                         | 85.8                           | 1 |
| 2011/ 3           | 20.23                     | 20.20                     | 0.63                       | 509.0                         | 85.2                           | 1 |
| 2011/ 4           | 20.15                     | 20.21                     | 0.61                       | 509.6                         | 84.6                           | 1 |
| 2011/ 5           | 20.07                     | 20.09                     | 0.62                       | 510.3                         | 84.0                           | 1 |
| 2011/ 6           | 19.99                     | 20.05                     | 0.60                       | 510.9                         | 83.4                           | 1 |
| 2011/ 7           | 19.91                     | 19.93                     | 0.62                       | 511.5                         | 82.7                           | 1 |
| 2011/ 8           | 19.83                     | 19.87                     | 0.62                       | 512.1                         | 82.1                           | 1 |
| 2011/ 9           | 19.76                     | 19.82                     | 0.59                       | 512.7                         | 81.5                           | 1 |
| 2011/10           | 19.68                     | 19.70                     | 0.61                       | 513.3                         | 80.9                           | 1 |
| 2011/11           | 19.60                     | 19.66                     | 0.59                       | 513.9                         | 80.3                           | 1 |



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| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf | # | # |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|---|
| 2011/12           | 19.52                     | 19.54                     | 0.61                       | 514.5                         | 79.7                           | 1 | 1 |
| 2012/ 1           | 19.44                     | 19.48                     | 0.60                       | 515.1                         | 79.1                           | 1 | 1 |
| 2012/ 2           | 19.37                     | 19.45                     | 0.56                       | 515.7                         | 78.6                           | 1 | 1 |
| 2012/ 3           | 19.29                     | 19.28                     | 0.60                       | 516.3                         | 78.0                           | 1 | 1 |
| 2012/ 4           | 19.21                     | 19.27                     | 0.58                       | 516.8                         | 77.4                           | 1 | 1 |
| 2012/ 5           | 19.14                     | 19.15                     | 0.59                       | 517.4                         | 76.8                           | 1 | 1 |
| 2012/ 6           | 19.06                     | 19.12                     | 0.57                       | 518.0                         | 76.2                           | 1 | 1 |
| 2012/ 7           | 18.98                     | 19.00                     | 0.59                       | 518.6                         | 75.6                           | 1 | 1 |
| 2012/ 8           | 18.91                     | 18.95                     | 0.59                       | 519.2                         | 75.0                           | 1 | 1 |
| 2012/ 9           | 18.83                     | 18.89                     | 0.57                       | 519.7                         | 74.5                           | 1 | 1 |
| 2012/10           | 18.76                     | 18.78                     | 0.58                       | 520.3                         | 73.9                           | 1 | 1 |
| 2012/11           | 18.68                     | 18.74                     | 0.56                       | 520.9                         | 73.3                           | 1 | 1 |
| 2012/12           | 18.61                     | 18.63                     | 0.58                       | 521.5                         | 72.7                           | 1 | 1 |
| 2013/ 1           | 18.54                     | 18.57                     | 0.58                       | 522.0                         | 72.2                           | 1 | 1 |
| 2013/ 2           | 18.46                     | 18.56                     | 0.52                       | 522.6                         | 71.6                           | 1 | 1 |
| 2013/ 3           | 18.39                     | 18.36                     | 0.57                       | 523.1                         | 71.1                           | 1 | 1 |
| 2013/ 4           | 18.31                     | 18.37                     | 0.55                       | 523.7                         | 70.5                           | 1 | 1 |
| 2013/ 5           | 18.24                     | 18.26                     | 0.57                       | 524.3                         | 70.0                           | 1 | 1 |
| 2013/ 6           | 18.17                     | 18.23                     | 0.55                       | 524.8                         | 69.4                           | 1 | 1 |
| 2013/ 7           | 18.10                     | 18.11                     | 0.56                       | 525.4                         | 68.9                           | 1 | 1 |
| 2013/ 8           | 18.03                     | 18.06                     | 0.56                       | 525.9                         | 68.3                           | 1 | 1 |
| 2013/ 9           | 17.95                     | 18.01                     | 0.54                       | 526.5                         | 67.8                           | 1 | 1 |
| 2013/10           | 17.88                     | 17.90                     | 0.55                       | 527.0                         | 67.2                           | 1 | 1 |
| 2013/11           | 17.81                     | 17.87                     | 0.54                       | 527.6                         | 66.7                           | 1 | 1 |
| 2013/12           | 17.74                     | 17.76                     | 0.55                       | 528.1                         | 66.1                           | 1 | 1 |
| 2014/ 1           | 17.67                     | 17.70                     | 0.55                       | 528.6                         | 65.6                           | 1 | 1 |
| 2014/ 2           | 17.60                     | 17.70                     | 0.50                       | 529.1                         | 65.1                           | 1 | 1 |
| 2014/ 3           | 17.53                     | 17.50                     | 0.54                       | 529.7                         | 64.5                           | 1 | 1 |
| 2014/ 4           | 17.46                     | 17.51                     | 0.53                       | 530.2                         | 64.0                           | 1 | 1 |
| 2014/ 5           | 17.39                     | 17.41                     | 0.54                       | 530.8                         | 63.5                           | 1 | 1 |
| 2014/ 6           | 17.32                     | 17.37                     | 0.52                       | 531.3                         | 62.9                           | 1 | 1 |
| 2014/ 7           | 17.25                     | 17.27                     | 0.54                       | 531.8                         | 62.4                           | 1 | 1 |
| 2014/ 8           | 17.18                     | 17.22                     | 0.53                       | 532.3                         | 61.9                           | 1 | 1 |
| 2014/ 9           | 17.12                     | 17.17                     | 0.52                       | 532.9                         | 61.4                           | 1 | 1 |
| 2014/10           | 17.05                     | 17.06                     | 0.53                       | 533.4                         | 60.8                           | 1 | 1 |
| 2014/11           | 16.98                     | 17.03                     | 0.51                       | 533.9                         | 60.3                           | 1 | 1 |
| 2014/12           | 16.91                     | 16.93                     | 0.52                       | 534.4                         | 59.8                           | 1 | 1 |
| 2015/ 1           | 16.84                     | 16.88                     | 0.52                       | 534.9                         | 59.3                           | 1 | 1 |
| 2015/ 2           | 16.78                     | 16.87                     | 0.47                       | 535.4                         | 58.8                           | 1 | 1 |
| 2015/ 3           | 16.71                     | 16.69                     | 0.52                       | 535.9                         | 58.3                           | 1 | 1 |
| 2015/ 4           | 16.64                     | 16.70                     | 0.50                       | 536.4                         | 57.8                           | 1 | 1 |
| 2015/ 5           | 16.58                     | 16.59                     | 0.51                       | 537.0                         | 57.3                           | 1 | 1 |

| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| -----             | -----                     | -----                     | -----                      | -----                         | -----                          |   |
| 2015/ 6           | 16.51                     | 16.56                     | 0.50                       | 537.4                         | 56.8                           | 1 |
| 2015/ 7           | 16.45                     | 16.46                     | 0.51                       | 538.0                         | 56.3                           | 1 |
| 2015/ 8           | 16.38                     | 16.41                     | 0.51                       | 538.5                         | 55.7                           | 1 |
| 2015/ 9           | 16.32                     | 16.37                     | 0.49                       | 539.0                         | 55.3                           | 1 |
| 2015/10           | 16.25                     | 16.27                     | 0.50                       | 539.5                         | 54.8                           | 1 |
| 2015/11           | 16.19                     | 16.24                     | 0.49                       | 539.9                         | 54.3                           | 1 |
| 2015/12           | 16.12                     | 16.14                     | 0.50                       | 540.4                         | 53.8                           | 1 |
| 2016/ 1           | 16.06                     | 16.09                     | 0.50                       | 540.9                         | 53.3                           | 1 |
| 2016/ 2           | 15.99                     | 16.06                     | 0.47                       | 541.4                         | 52.8                           | 1 |
| 2016/ 3           | 15.93                     | 15.93                     | 0.49                       | 541.9                         | 52.3                           | 1 |
| 2016/ 4           | 15.87                     | 15.92                     | 0.48                       | 542.4                         | 51.8                           | 1 |
| 2016/ 5           | 15.80                     | 15.82                     | 0.49                       | 542.9                         | 51.3                           | 1 |
| 2016/ 6           | 15.74                     | 15.79                     | 0.47                       | 543.3                         | 50.9                           | 1 |
| 2016/ 7           | 15.68                     | 15.69                     | 0.49                       | 543.8                         | 50.4                           | 1 |
| 2016/ 8           | 15.62                     | 15.65                     | 0.49                       | 544.3                         | 49.9                           | 1 |
| 2016/ 9           | 15.55                     | 15.60                     | 0.47                       | 544.8                         | 49.4                           | 1 |
| 2016/10           | 15.49                     | 15.51                     | 0.48                       | 545.3                         | 48.9                           | 1 |
| 2016/11           | 15.43                     | 15.48                     | 0.46                       | 545.7                         | 48.5                           | 1 |
| 2016/12           | 15.37                     | 15.38                     | 0.48                       | 546.2                         | 48.0                           | 1 |
| 2017/ 1           | 15.31                     | 15.34                     | 0.48                       | 546.7                         | 47.5                           | 1 |
| 2017/ 2           | 15.25                     | 15.33                     | 0.43                       | 547.1                         | 47.1                           | 1 |
| 2017/ 3           | 15.19                     | 15.16                     | 0.47                       | 547.6                         | 46.6                           | 1 |
| 2017/ 4           | 15.13                     | 15.17                     | 0.46                       | 548.0                         | 46.2                           | 1 |
| 2017/ 5           | 15.07                     | 15.08                     | 0.47                       | 548.5                         | 45.7                           | 1 |
| 2017/ 6           | 15.01                     | 15.05                     | 0.45                       | 549.0                         | 45.3                           | 1 |
| 2017/ 7           | 14.95                     | 14.96                     | 0.46                       | 549.4                         | 44.8                           | 1 |
| 2017/ 8           | 14.89                     | 14.92                     | 0.46                       | 549.9                         | 44.3                           | 1 |
| 2017/ 9           | 14.83                     | 14.87                     | 0.45                       | 550.3                         | 43.9                           | 1 |
| 2017/10           | 14.77                     | 14.78                     | 0.46                       | 550.8                         | 43.4                           | 1 |
| 2017/11           | 14.71                     | 14.75                     | 0.44                       | 551.2                         | 43.0                           | 1 |
| 2017/12           | 14.65                     | 14.66                     | 0.45                       | 551.7                         | 42.5                           | 1 |
| 2018/ 1           | 14.59                     | 14.62                     | 0.45                       | 552.1                         | 42.1                           | 1 |
| 2018/ 2           | 14.53                     | 14.61                     | 0.41                       | 552.5                         | 41.7                           | 1 |
| 2018/ 3           | 14.48                     | 14.46                     | 0.45                       | 553.0                         | 41.2                           | 1 |
| 2018/ 4           | 14.42                     | 14.46                     | 0.43                       | 553.4                         | 40.8                           | 1 |
| 2018/ 5           | 14.36                     | 14.38                     | 0.45                       | 553.9                         | 40.3                           | 1 |
| 2018/ 6           | 14.31                     | 14.35                     | 0.43                       | 554.3                         | 39.9                           | 1 |
| 2018/ 7           | 14.25                     | 14.26                     | 0.44                       | 554.8                         | 39.5                           | 1 |
| 2018/ 8           | 14.19                     | 14.22                     | 0.44                       | 555.2                         | 39.0                           | 1 |
| 2018/ 9           | 14.14                     | 14.18                     | 0.43                       | 555.6                         | 38.6                           | 1 |
| 2018/10           | 14.08                     | 14.09                     | 0.44                       | 556.1                         | 38.2                           | 1 |
| 2018/11           | 14.02                     | 14.07                     | 0.42                       | 556.5                         | 37.7                           | 1 |

| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| 2018/12           | 13.97                     | 13.98                     | 0.43                       | 556.9                         | 37.3                           | 1 |
| 2019/ 1           | 13.91                     | 13.94                     | 0.43                       | 557.3                         | 36.9                           | 1 |
| 2019/ 2           | 13.86                     | 13.93                     | 0.39                       | 557.7                         | 36.5                           | 1 |
| 2019/ 3           | 13.80                     | 13.78                     | 0.43                       | 558.2                         | 36.1                           | 1 |
| 2019/ 4           | 13.75                     | 13.79                     | 0.41                       | 558.6                         | 35.6                           | 1 |
| 2019/ 5           | 13.69                     | 13.70                     | 0.42                       | 559.0                         | 35.2                           | 1 |
| 2019/ 6           | 13.64                     | 13.68                     | 0.41                       | 559.4                         | 34.8                           | 1 |
| 2019/ 7           | 13.58                     | 13.60                     | 0.42                       | 559.8                         | 34.4                           | 1 |
| 2019/ 8           | 13.53                     | 13.56                     | 0.42                       | 560.2                         | 34.0                           | 1 |
| 2019/ 9           | 13.48                     | 13.52                     | 0.41                       | 560.7                         | 33.6                           | 1 |
| 2019/10           | 13.42                     | 13.43                     | 0.42                       | 561.1                         | 33.1                           | 1 |
| 2019/11           | 13.37                     | 13.41                     | 0.40                       | 561.5                         | 32.7                           | 1 |
| 2019/12           | 13.31                     | 13.33                     | 0.41                       | 561.9                         | 32.3                           | 1 |
| 2020/ 1           | 13.26                     | 13.29                     | 0.41                       | 562.3                         | 31.9                           | 1 |
| 2020/ 2           | 13.21                     | 13.27                     | 0.38                       | 562.7                         | 31.5                           | 1 |
| 2020/ 3           | 13.16                     | 13.15                     | 0.41                       | 563.1                         | 31.1                           | 1 |
| 2020/ 4           | 13.10                     | 13.14                     | 0.39                       | 563.5                         | 30.7                           | 1 |
| 2020/ 5           | 13.05                     | 13.06                     | 0.40                       | 563.9                         | 30.3                           | 1 |
| 2020/ 6           | 13.00                     | 13.04                     | 0.39                       | 564.3                         | 29.9                           | 1 |
| 2020/ 7           | 12.95                     | 12.96                     | 0.40                       | 564.7                         | 29.5                           | 1 |
| 2020/ 8           | 12.90                     | 12.92                     | 0.40                       | 565.1                         | 29.1                           | 1 |
| 2020/ 9           | 12.85                     | 12.89                     | 0.39                       | 565.5                         | 28.7                           | 1 |
| 2020/10           | 12.79                     | 12.81                     | 0.40                       | 565.9                         | 28.3                           | 1 |
| 2020/11           | 12.74                     | 12.78                     | 0.38                       | 566.3                         | 28.0                           | 1 |
| 2020/12           | 12.69                     | 12.70                     | 0.39                       | 566.6                         | 27.6                           | 1 |
| 2021/ 1           | 12.64                     | 12.67                     | 0.39                       | 567.0                         | 27.2                           | 1 |
| 2021/ 2           | 12.59                     | 12.66                     | 0.35                       | 567.4                         | 26.8                           | 1 |
| 2021/ 3           | 12.54                     | 12.52                     | 0.39                       | 567.8                         | 26.4                           | 1 |
| 2021/ 4           | 12.49                     | 12.53                     | 0.38                       | 568.2                         | 26.1                           | 1 |
| 2021/ 5           | 12.44                     | 12.45                     | 0.39                       | 568.5                         | 25.7                           | 1 |
| 2021/ 6           | 12.39                     | 12.43                     | 0.37                       | 568.9                         | 25.3                           | 1 |
| 2021/ 7           | 12.34                     | 12.36                     | 0.38                       | 569.3                         | 24.9                           | 1 |
| 2021/ 8           | 12.29                     | 12.32                     | 0.38                       | 569.7                         | 24.5                           | 1 |
| 2021/ 9           | 12.25                     | 12.28                     | 0.37                       | 570.0                         | 24.2                           | 1 |
| 2021/10           | 12.20                     | 12.21                     | 0.38                       | 570.4                         | 23.8                           | 1 |
| 2021/11           | 12.15                     | 12.19                     | 0.37                       | 570.8                         | 23.4                           | 1 |
| 2021/12           | 12.10                     | 12.11                     | 0.38                       | 571.2                         | 23.0                           | 1 |
| 2022/ 1           | 12.05                     | 12.08                     | 0.37                       | 571.5                         | 22.7                           | 1 |
| 2022/ 2           | 12.00                     | 12.07                     | 0.34                       | 571.9                         | 22.3                           | 1 |
| 2022/ 3           | 11.96                     | 11.94                     | 0.37                       | 572.2                         | 22.0                           | 1 |
| 2022/ 4           | 11.91                     | 11.95                     | 0.36                       | 572.6                         | 21.6                           | 1 |
| 2022/ 5           | 11.86                     | 11.87                     | 0.37                       | 573.0                         | 21.2                           | 1 |

| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| 2022/ 6           | 11.81                     | 11.85                     | 0.36                       | 573.3                         | 20.9                           | 1 |
| 2022/ 7           | 11.77                     | 11.78                     | 0.37                       | 573.7                         | 20.5                           | 1 |
| 2022/ 8           | 11.72                     | 11.74                     | 0.36                       | 574.1                         | 20.2                           | 1 |
| 2022/ 9           | 11.67                     | 11.71                     | 0.35                       | 574.4                         | 19.8                           | 1 |
| 2022/10           | 11.63                     | 11.64                     | 0.36                       | 574.8                         | 19.4                           | 1 |
| 2022/11           | 11.58                     | 11.62                     | 0.35                       | 575.1                         | 19.1                           | 1 |
| 2022/12           | 11.54                     | 11.55                     | 0.36                       | 575.5                         | 18.7                           | 1 |
| 2023/ 1           | 11.49                     | 11.51                     | 0.36                       | 575.8                         | 18.4                           | 1 |
| 2023/ 2           | 11.44                     | 11.51                     | 0.32                       | 576.2                         | 18.1                           | 1 |
| 2023/ 3           | 11.40                     | 11.38                     | 0.35                       | 576.5                         | 17.7                           | 1 |
| 2023/ 4           | 11.35                     | 11.39                     | 0.34                       | 576.9                         | 17.4                           | 1 |
| 2023/ 5           | 11.31                     | 11.32                     | 0.35                       | 577.2                         | 17.0                           | 1 |
| 2023/ 6           | 11.26                     | 11.30                     | 0.34                       | 577.5                         | 16.7                           | 1 |
| 2023/ 7           | 11.22                     | 11.23                     | 0.35                       | 577.9                         | 16.3                           | 1 |
| 2023/ 8           | 11.17                     | 11.20                     | 0.35                       | 578.2                         | 16.0                           | 1 |
| 2023/ 9           | 11.13                     | 11.16                     | 0.33                       | 578.6                         | 15.6                           | 1 |
| 2023/10           | 11.08                     | 11.09                     | 0.34                       | 578.9                         | 15.3                           | 1 |
| 2023/11           | 11.04                     | 11.07                     | 0.33                       | 579.2                         | 15.0                           | 1 |
| 2023/12           | 11.00                     | 11.01                     | 0.34                       | 579.6                         | 14.6                           | 1 |
| 2024/ 1           | 10.95                     | 10.97                     | 0.34                       | 579.9                         | 14.3                           | 1 |
| 2024/ 2           | 10.91                     | 10.96                     | 0.32                       | 580.2                         | 14.0                           | 1 |
| 2024/ 3           | 10.87                     | 10.86                     | 0.34                       | 580.6                         | 13.6                           | 1 |
| 2024/ 4           | 10.82                     | 10.86                     | 0.33                       | 580.9                         | 13.3                           | 1 |
| 2024/ 5           | 10.78                     | 10.79                     | 0.33                       | 581.2                         | 13.0                           | 1 |
| 2024/ 6           | 10.74                     | 10.77                     | 0.32                       | 581.6                         | 12.6                           | 1 |
| 2024/ 7           | 10.69                     | 10.70                     | 0.33                       | 581.9                         | 12.3                           | 1 |
| 2024/ 8           | 10.65                     | 10.67                     | 0.33                       | 582.2                         | 12.0                           | 1 |
| 2024/ 9           | 10.61                     | 10.64                     | 0.32                       | 582.6                         | 11.7                           | 1 |
| 2024/10           | 10.57                     | 10.58                     | 0.33                       | 582.9                         | 11.3                           | 1 |
| 2024/11           | 10.52                     | 10.56                     | 0.32                       | 583.2                         | 11.0                           | 1 |
| 2024/12           | 10.48                     | 10.49                     | 0.33                       | 583.5                         | 10.7                           | 1 |
| 2025/ 1           | 10.44                     | 10.46                     | 0.32                       | 583.8                         | 10.4                           | 1 |
| 2025/ 2           | 10.40                     | 10.46                     | 0.29                       | 584.1                         | 10.1                           | 1 |
| 2025/ 3           | 10.36                     | 10.34                     | 0.32                       | 584.5                         | 9.8                            | 1 |
| 2025/ 4           | 10.32                     | 10.35                     | 0.31                       | 584.8                         | 9.4                            | 1 |
| 2025/ 5           | 10.28                     | 10.29                     | 0.32                       | 585.1                         | 9.1                            | 1 |
| 2025/ 6           | 10.24                     | 10.27                     | 0.31                       | 585.4                         | 8.8                            | 1 |
| 2025/ 7           | 10.19                     | 10.20                     | 0.32                       | 585.7                         | 8.5                            | 1 |
| 2025/ 8           | 10.15                     | 10.17                     | 0.32                       | 586.0                         | 8.2                            | 1 |
| 2025/ 9           | 10.11                     | 10.14                     | 0.30                       | 586.3                         | 7.9                            | 1 |
| 2025/10           | 10.07                     | 10.08                     | 0.31                       | 586.6                         | 7.6                            | 1 |
| 2025/11           | 10.03                     | 10.06                     | 0.30                       | 586.9                         | 7.3                            | 1 |

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| End<br>of<br>DATE | Instant<br>Rate<br>Mscf/d | Average<br>Rate<br>Mscf/d | Monthly<br>Volume<br>MMscf | Cumulative<br>Volume<br>MMscf | Remaining<br>Reserves<br>MMscf |   |
|-------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|---|
| 2025/12           | 9.99                      | 10.00                     | 0.31                       | 587.3                         | 7.0                            | 1 |
| 2026/ 1           | 9.95                      | 9.97                      | 0.31                       | 587.6                         | 6.6                            | 1 |
| 2026/ 2           | 9.91                      | 9.97                      | 0.28                       | 587.8                         | 6.4                            | 1 |
| 2026/ 3           | 9.87                      | 9.86                      | 0.31                       | 588.1                         | 6.1                            | 1 |
| 2026/ 4           | 9.84                      | 9.87                      | 0.30                       | 588.4                         | 5.8                            | 1 |
| 2026/ 5           | 9.80                      | 9.81                      | 0.30                       | 588.7                         | 5.5                            | 1 |
| 2026/ 6           | 9.76                      | 9.79                      | 0.29                       | 589.0                         | 5.2                            | 1 |
| 2026/ 7           | 9.72                      | 9.73                      | 0.30                       | 589.3                         | 4.9                            | 1 |
| 2026/ 8           | 9.68                      | 9.70                      | 0.30                       | 589.6                         | 4.6                            | 1 |
| 2026/ 9           | 9.64                      | 9.67                      | 0.29                       | 589.9                         | 4.3                            | 1 |
| 2026/10           | 9.60                      | 9.61                      | 0.30                       | 590.2                         | 4.0                            | 1 |
| 2026/11           | 9.56                      | 9.59                      | 0.29                       | 590.5                         | 3.7                            | 1 |
| 2026/12           | 9.53                      | 9.54                      | 0.30                       | 590.8                         | 3.4                            | 1 |
| 2027/ 1           | 9.49                      | 9.51                      | 0.29                       | 591.1                         | 3.1                            | 1 |
| 2027/ 2           | 9.45                      | 9.50                      | 0.27                       | 591.4                         | 2.8                            | 1 |
| 2027/ 3           | 9.41                      | 9.40                      | 0.29                       | 591.7                         | 2.5                            | 1 |
| 2027/ 4           | 9.38                      | 9.40                      | 0.28                       | 592.0                         | 2.3                            | 1 |
| 2027/ 5           | 9.34                      | 9.35                      | 0.29                       | 592.2                         | 2.0                            | 1 |
| 2027/ 6           | 9.30                      | 9.33                      | 0.28                       | 592.5                         | 1.7                            | 1 |
| 2027/ 7           | 9.26                      | 9.27                      | 0.29                       | 592.8                         | 1.4                            | 1 |
| 2027/ 8           | 9.23                      | 9.25                      | 0.29                       | 593.1                         | 1.1                            | 1 |
| 2027/ 9           | 9.19                      | 9.22                      | 0.28                       | 593.4                         | 0.8                            | 1 |
| 2027/10           | 9.15                      | 9.16                      | 0.28                       | 593.7                         | 0.6                            | 1 |
| 2027/11           | 9.12                      | 9.15                      | 0.27                       | 593.9                         | 0.3                            | 1 |
| 2027/12           | 9.08                      | 9.09                      | 0.28                       | 594.2                         | 0.0                            | 1 |

|                                     |                                                   |                  |
|-------------------------------------|---------------------------------------------------|------------------|
| District I                          | State Of New Mexico                               | SUBMIT 1 COPY TO |
| P.O. Box 1980, Hobbs, NM            | Energy, Minerals and Natural Resources Department | APPROPRIATE      |
| District II                         |                                                   | DISTRICT OFFICE  |
| P.O. Drawer, Artesia, NM 88211      | <b>OIL CONSERVATION DIVISION</b>                  | AND 1 COPY TO    |
| District III                        | P.O. Box 2088                                     | SANTA FE OFFICE  |
| 1000 Rio Brazos Rd. Aztec, NM 87410 | Santa Fe, New Mexico 87504-2088                   | (Revised 3/9/94) |

## PIT REMEDIATION AND CLOSURE REPORT

|                                                            |                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator: <u>Conoco Inc.</u>                               | Telephone: <u>505-324-5846</u>                                              |
| Address: <u>3315 Bloomfield Hwy - Farmington, NM 87401</u> |                                                                             |
| Facility Or: <u>Gage Fed 3M</u>                            |                                                                             |
| Well Name _____                                            |                                                                             |
| Location: Unit or Qtr/Qtr Sec                              | C      Sec      20 T      30N R      10W County      San Juan               |
| Pit Type: Separator <u>X</u>                               | Dehydrator _____ Other _____                                                |
| Land Type: BLM <u>X</u> State _____ Fee _____              | Other _____                                                                 |
| Pit Location: (Attach diagram)                             | Pit dimension: length <u>18'</u> width <u>19'</u> depth <u>3'</u>           |
|                                                            | Reference: wellhead <u>X</u> other _____                                    |
|                                                            | Footage from reference: <u>83'</u>                                          |
|                                                            | Direction from reference: <u>33</u> Degrees <u>X</u> East of <u>X</u> North |
|                                                            | West _____ South _____                                                      |

|                                                                                                                                                    |                                    |             |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------|----|
| Depth To Ground Water:<br>(Vertical distance from<br>contaminants to seasonal<br>high water elevation of<br>ground water)                          | Less than 50 feet (20 points)      |             |    |
|                                                                                                                                                    | 50 feet to 99 feet (10 points)     |             |    |
|                                                                                                                                                    | Greater than 100 feet ( 0 points)  |             |    |
|                                                                                                                                                    | Total                              |             | 10 |
| Wellhead Protection Area:<br>(Less than 200 feet from a private<br>domestic water source, or; less than<br>1000 feet from all other water sources) | Yes (20 points)                    |             |    |
|                                                                                                                                                    | No ( 0 points)                     |             |    |
|                                                                                                                                                    | Total                              |             | 0  |
| Distance To Surface Water:<br>(Horizontal distance to perennial<br>lakes, ponds, rivers, streams, creeks,<br>irrigation canals and ditches)        | Less than 200 feet (20 points)     | (20 points) |    |
|                                                                                                                                                    | 200 feet to 1000 feet (10 points)  | (10 points) |    |
|                                                                                                                                                    | Greater than 1000 feet ( 0 points) | ( 0 points) |    |
|                                                                                                                                                    | Total                              |             | 0  |
|                                                                                                                                                    | RANKING SCORE (TOTAL POINTS):      |             | 10 |

Date Remediation Started: 3/22/99 Date Completed: 3/24/99

Remediation Method: Excavation: X Approx. cubic yards 64  
(Check all appropriate sections)  
Landfarm X Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: Onsite X Offsite \_\_\_\_\_  
(ie. landfarmed onsite,  
name and location of  
offsite facility)

General Description Of Remedial Action:

Dug out pit to 12' x 12' x 12' and took sample. Hit sand and rock at 8'. Backfilled pit with clean soil. Landfarmed contam. Soil  
Landfarm sampled 7/19/00; TPH = 0.4 ppm; Benzene = ND; Total BTEX = 0.0.208 ppm.

Landfarm closed.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Composite (4 wall plus 3' below pit bottom)

Closure Sampling:

(if multiple samples  
attach sample results  
and diagram of sample  
locations and depths)

Sample depth 12'

Sample date 3/23/99 Sample time 1:52 PM

Sample Results

Benzene (ppm) ND

Total BTEX (ppm) 0.952

Field headspace (ppm) Not measured

TPH (ppm) 18.0

Ground Water Sample: Yes \_\_\_\_\_ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST  
OF MY KNOWLEDGE AND BELIEF

DATE

11/15/09

PRINTED NAME John E. Cofer

SIGNATURE

John E. Cofer

AND TITLE Environmental Coordinator

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

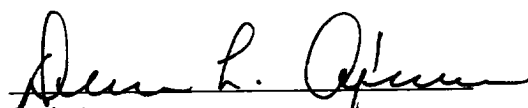
|                      |                 |                     |            |
|----------------------|-----------------|---------------------|------------|
| Client:              | Conoco, Inc.    | Project #:          | 707003-226 |
| Sample ID:           | Landfarm        | Date Reported:      | 07-25-00   |
| Laboratory Number:   | H815            | Date Sampled:       | 07-19-00   |
| Chain of Custody No: | 7977            | Date Received:      | 07-24-00   |
| Sample Matrix:       | Soil            | Date Extracted:     | 07-25-00   |
| Preservative:        | Cool            | Date Analyzed:      | 07-25-00   |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH   |

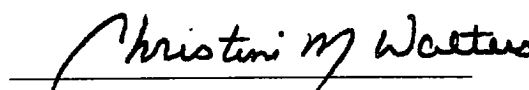
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 0.2                      | 0.2                      |
| Diesel Range (C10 - C28)     | 0.2                      | 0.1                      |
| Total Petroleum Hydrocarbons | 0.4                      | 0.1                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Gage Fed 3 M.**

  
Analyst

  
Review



# ENVIROTECH LABS

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |               |                     |            |
|--------------------|---------------|---------------------|------------|
| Client:            | Conoco, Inc.  | Project #:          | 707003-226 |
| Sample ID:         | Landfarm      | Date Reported:      | 07-25-00   |
| Laboratory Number: | H815          | Date Sampled:       | 07-19-00   |
| Chain of Custody:  | 7977          | Date Received:      | 07-24-00   |
| Sample Matrix:     | Soil          | Date Analyzed:      | 07-25-00   |
| Preservative:      | Cool          | Date Extracted:     | 07-25-00   |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX       |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | ND                       | 1.8                      |
| Toluene      | 70.6                     | 1.7                      |
| Ethylbenzene | 19.5                     | 1.5                      |
| p,m-Xylene   | 99.5                     | 2.2                      |
| o-Xylene     | 18.0                     | 1.0                      |
| Total BTEX   | 208                      |                          |

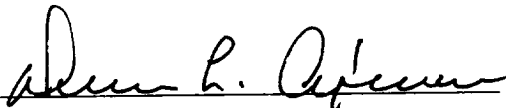
ND - Parameter not detected at the stated detection limit.

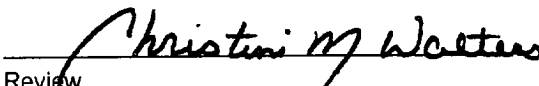
| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 100 %            |
|                       | Bromofluorobenzene | 100 %            |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Gage Fed 3 M.

  
Analyst

  
Review

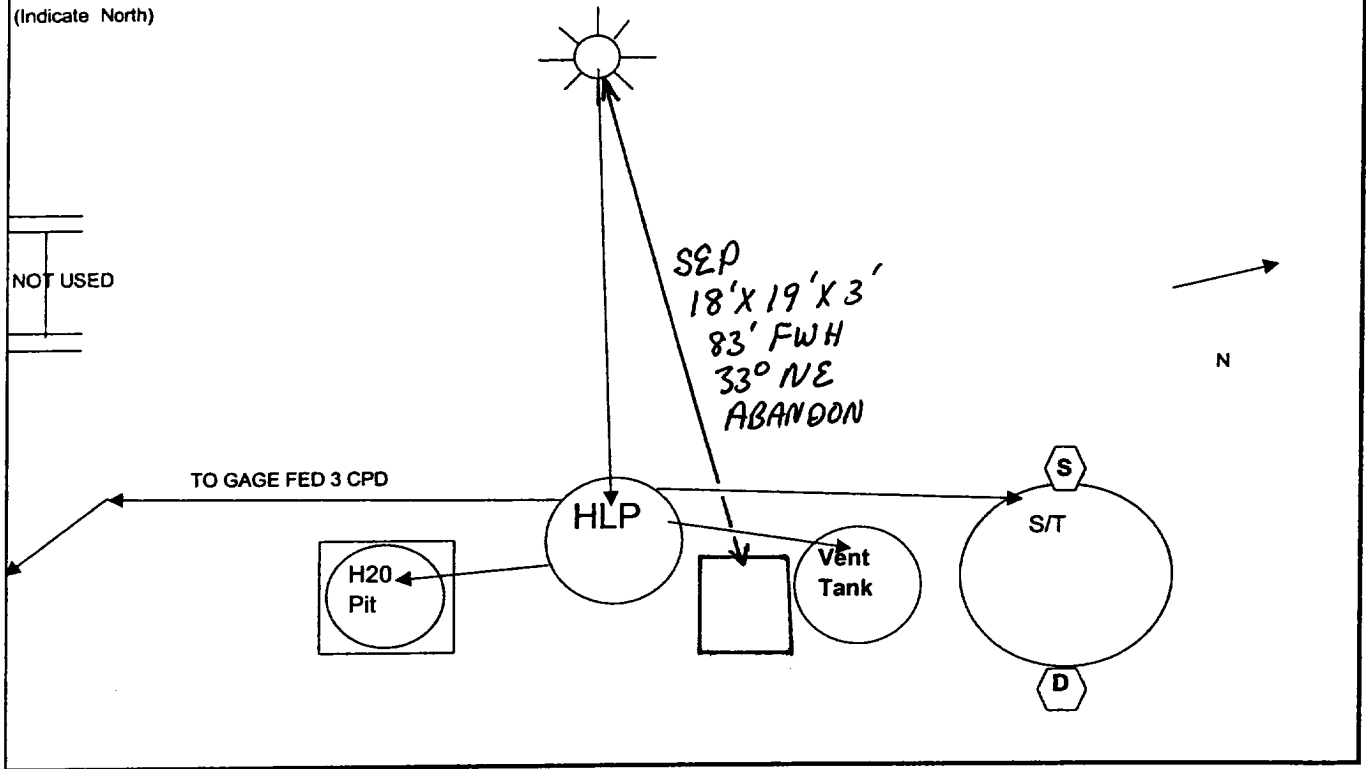
Revised 6/15/98

Lease Name: GAGE FED 3M

Operator: CONOCO INC.

Date: 4-22-99

Site Security  
(Indicate North)



Lease Name: GAGE FED 3M

Federal/ Indian Lease No: 5930001150

CA No.: 5930001150

Unit : C

Legal Description: 20SEC 30N 10W

County: SAN JUAN CO

## 7977

[illegible]

OFF: (505) 325-5667



LAB: (505) 325-1556

April 01, 1999

Shirley Ebert  
Conoco, Inc.  
3315 Bloomfield Hwy  
Farmington, NM 87401  
TEL: (505) 324-5813  
FAX (505) 324-5825

RE: Gage Fed 3M SEP

Order No.: 9903053

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 3/24/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

- Aromatic Volatiles by GC/PID (SW8021B)
- Diesel Range Organics (SW8015)
- Gasoline Range Organics (SW8015)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox", is written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 01-Apr-99

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**CLIENT:** Conoco, Inc.  
**Project:** Gage Fed 3M SEP  
**Lab Order:** 9903053

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## **CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 01-Apr-99

|                    |                 |                            |                  |
|--------------------|-----------------|----------------------------|------------------|
| <b>Client:</b>     | Conoco, Inc.    | <b>Client Sample Info:</b> | Gage Fed. 3M SEP |
| <b>Work Order:</b> | 9903053         | <b>Client Sample ID:</b>   | Center of Pit    |
| <b>Lab ID:</b>     | 9903053-01A     | <b>Matrix:</b>             | SOIL             |
| <b>Project:</b>    | Gage Fed 3M SEP | <b>Collection Date:</b>    | 3/23/99          |
|                    |                 | <b>COC Record:</b>         | 10030            |

| Parameter                           | Result | PQL            | Qual | Units | DF | Date Analyzed |
|-------------------------------------|--------|----------------|------|-------|----|---------------|
| <b>DIESEL RANGE ORGANICS</b>        |        | <b>SW8015</b>  |      |       |    | Analyst: DC   |
| T/R Hydrocarbons: C10-C28           | ND     | 25             |      | mg/Kg | 1  | 3/31/99       |
| <b>GASOLINE RANGE ORGANICS</b>      |        | <b>SW8015</b>  |      |       |    | Analyst: HR   |
| T/R Hydrocarbons: C6-C10            | 1.53   | 0.18           |      | mg/Kg | 1  | 3/29/99       |
| <b>AROMATIC VOLATILES BY GC/PID</b> |        | <b>SW8021B</b> |      |       |    | Analyst: HR   |
| Benzene                             | ND     | 1              |      | µg/Kg | 1  | 3/31/99       |
| Toluene                             | ND     | 2              |      | µg/Kg | 1  | 3/31/99       |
| Ethylbenzene                        | ND     | 1              |      | µg/Kg | 1  | 3/31/99       |
| m,p-Xylene                          | 8.3    | 2              |      | µg/Kg | 1  | 3/31/99       |
| o-Xylene                            | 1.2    | 1              |      | µg/Kg | 1  | 3/31/99       |

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**Qualifiers:**

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

# ANALYTICAL REPORT

Date: 01-Apr-99

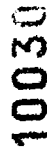
|                    |                 |                            |                  |
|--------------------|-----------------|----------------------------|------------------|
| <b>Client:</b>     | Conoco, Inc.    | <b>Client Sample Info:</b> | Gage Fed. 3M SEP |
| <b>Work Order:</b> | 9903053         | <b>Client Sample ID:</b>   | 4pt. Composite   |
| <b>Lab ID:</b>     | 9903053-02A     | <b>Matrix:</b>             | SOIL             |
| <b>Project:</b>    | Gage Fed 3M SEP | <b>Collection Date:</b>    | 3/23/99          |
|                    |                 | <b>COC Record:</b>         | 10030            |

| Parameter                           | Result | PQL            | Qual | Units | DF | Date Analyzed |
|-------------------------------------|--------|----------------|------|-------|----|---------------|
| <b>DIESEL RANGE ORGANICS</b>        |        | <b>SW8015</b>  |      |       |    | Analyst: DC   |
| T/R Hydrocarbons: C10-C28           | ND     | 25             |      | mg/Kg | 1  | 3/31/99       |
| <b>GASOLINE RANGE ORGANICS</b>      |        | <b>SW8015</b>  |      |       |    | Analyst: HR   |
| T/R Hydrocarbons: C6-C10            | 18     | 4.5            |      | mg/Kg | 25 | 3/29/99       |
| <b>AROMATIC VOLATILES BY GC/PID</b> |        | <b>SW8021B</b> |      |       |    | Analyst: HR   |
| Benzene                             | ND     | 25             |      | µg/Kg | 25 | 3/31/99       |
| Toluene                             | ND     | 50             |      | µg/Kg | 25 | 3/31/99       |
| Ethylbenzene                        | 63     | 25             |      | µg/Kg | 25 | 3/31/99       |
| m,p-Xylene                          | 830    | 50             |      | µg/Kg | 25 | 3/31/99       |
| o-Xylene                            | 59     | 25             |      | µg/Kg | 25 | 3/31/99       |

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|                    |                                                         |                                                     |
|--------------------|---------------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers:</b> | PQL - Practical Quantitation Limit                      | S - Spike Recovery outside accepted recovery limits |
|                    | ND - Not Detected at Practical Quantitation Limit       | R - RPD outside accepted recovery limits            |
|                    | J - Analyte detected below Practical Quantitation Limit | E - Value above quantitation range                  |
|                    | B - Analyte detected in the associated Method Blank     | Surr: - Surrogate                                   |

P.O. BOX 2606 • FARMINGTON, NM 87499



# CHAIN OF CUSTODY RECORD

Page: 1 of 1Page: 1 of 1

|                       |  |                            |  |                                 |  |                    |  |
|-----------------------|--|----------------------------|--|---------------------------------|--|--------------------|--|
| Purchase Order No.:   |  | Project No.:               |  | Name                            |  | Title              |  |
| Name                  |  | Company                    |  | Mailing Address                 |  | City, State, Zip   |  |
| Address               |  | City, State, Zip           |  | Telephone No.                   |  | Telefax No.        |  |
| PROJECT LOCATION:     |  | Gage Fed. 3M. (Vulnerable) |  | SEP                             |  | ANALYSIS REQUESTED |  |
| SAMPLER'S SIGNATURE:  |  | J. Valdez                  |  | Number of Containers            |  | LAB ID             |  |
| SAMPLE IDENTIFICATION |  | DATE                       |  | TIME                            |  | MATRIX             |  |
| Flower of Pt.         |  | 3-23-99                    |  | Soil                            |  | None               |  |
| North Wall            |  | 3-23-99                    |  | Soil                            |  | None               |  |
| East Wall             |  | 3-23-99                    |  | Soil                            |  | None               |  |
| West Wall             |  | 3-23-99                    |  | Soil                            |  | None               |  |
| South Wall            |  | 3-23-99                    |  | Soil                            |  | None               |  |
| 4 Pt Composite        |  | 3-23-99                    |  | Soil                            |  | None               |  |
| Relinquished by:      |  | Date/Time                  |  | Received by:                    |  | Date/Time          |  |
| Relinquished by:      |  | Date/Time                  |  | Received by:                    |  | Date/Time          |  |
| Relinquished by:      |  | Date/Time                  |  | Received by:                    |  | Date/Time          |  |
| Method of Shipment:   |  | Rush                       |  | 24-48 Hours                     |  | 10 Working Days    |  |
| Authorized by:        |  | Date                       |  | Special Instructions / Remarks: |  | By Date            |  |